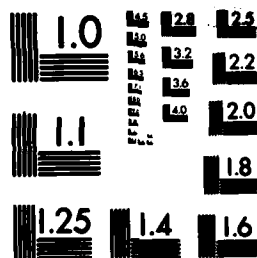


AD-A175 364

HOLLOMAN AFB NEW MEXICO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86
UNCLASSIFIED USAFETAC/DS-86/866 F/G 4/2 NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

USNM 747320

USAFETAC/DS-86/0666

AD-A175 364

FILE COPY

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

AWS TECHN
FL 4414
SCOTT AFB



**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

HOLLOMAN AFB NM MSC #7
N 32 51 W 106 06 ELEV 4093 FT

PARTS A - F HOURS SUMMARIZED: 0000 - 230

PERIOD OF RECORD:
HOURLY OBSERVATIONS: SEP 76 - AUG 86

SUMMARY OF DAY DATA: SEP 42 - FEB 46,
JUL 46 - AUG 86
TIME CONVERSION GMT TO LST -7 21

"Approved for public release; **FEDERAL BUILDING**
Distribution Unlimited."

ASHEVILLE, N.C. 28801 - 2723

28 N

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DEC

86 12

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-86/066 has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information Officer
(STINFO)

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REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
4. Performing Organization Report Number: USAFETAC/DS-86/066.
5. Monitoring Organization Report Number: USAFETAC/DS-86/066.
- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
- 11 Title: (RUSSWO) Holloman AFB NM
- 12 Personal Author(s):
- 13a Type of Report: Data Summary
- 13b Time Covered: Sep 42-Aug 86.
- 14 Date of Report: Nov 86
- 15 Page Count: 312
- 16 Supplementary Notation:
- 17 COSATI Codes: Field--04, Group--02
- 18 Subject Terms: *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Holloman AFB NM; New Mexico; USNM747320.
- 19 Abstract: A six-part statistical data summary of surface weather observations for: Holloman AFB, NM. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
- 20 Distribution/Availability of Abstract: Same as report.
- 21 Abstract Security Classification: UNCLASSIFIED.
- 22a Name of Responsible Individual: Marianne L. Cavanaugh
- 22b Telephone: (618)256-2625
- 22c Office Symbol: USAFETAC/LDD

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



Accession	
NTIS	<input checked="" type="checkbox"/>
DTIC	<input type="checkbox"/>
Unrec'd	<input type="checkbox"/>
JA	<input type="checkbox"/>
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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. A. and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CLOUD VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any part month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from observations.

JANUARY _____
FEBRUARY _____
MARCH _____

APRIL _____
MAY _____
JUNE _____

JULY _____
AUGUST _____
SEPTEMBER _____

OCTOBER _____
NOVEMBER _____
DECEMBER _____

STATION NO. ON SUMMARY 747320	STATION NAME HOLLOMAN AFB NM/ALAMOGORDO	LATITUDE N 32 51	LONGITUDE W 106 06	FIELD ELEV. (FT.) 4093	CALL SIGN HMN	WMO DUMP
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OR PE DAY
			FROM	TO			FIELD (FT)	HT. GARG.	
1	Holloman AAF New Mexico	AAF	Sep 42	Mar 46	N 32 51	W 106 05	4069	4071ft	24
2	Same	Same	May 46	Oct 47	Same	Same	Same	Same	8-
3	Same	Same	Nov 47	May 48	Same	Same	Same	Same	24
4	Holloman AFB New Mexico	AFB	Jun 48	Mar 54	Same	Same	Same	Same	24
5	Same	Same	Apr 54	Mar 55	Same	Same	4092	4074ft	24
6	Same	Same	Apr 55	Feb 56	Same	Same	4102	4070ft	24
7	Same	Same	Mar 56	Feb 57	Same	Same	4094	4091ft	24
8	Same	Same	Mar 57	31 Mar 71	Same	Same	4093	4070	24
9	Same	Same	Apr 71	Dec 72	Same	106 06 W	Same	Same	24
10	Same	Same	Jan 73	Jun 74	Same	Same	Same	Same	19
11	Same	Same	Jul 74	Dec 81	Same	Same	Same	Same	24
12	Same	Same	Jan 82	Dec 83	Same	Same	Same	Same	24
13	Same	Same	Jan 84	Aug 86	Same	Same	Same	Same	24
MSC# thru Oct 81..722696 MSC# Nov 81 & later 747320									

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CH
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 42	Located NE part of bldg A-216	Anemometer	N/A	29 ft	
2	Mar 43	Located NE part of bldg A-304	Same	Same	Same	
3	Mar 46	Located in center of operation bldg	Same	Same	57 ft.	
4	Apr 53	Located on top of fire station	Selsyn	ML-144	55 ft.	
5	Apr 54	Located on roof of bldg NE of the weather station	Same	Same	35 ft	
6	Apr 55	Located 400 ft WSW of station, 300 ft SE of primary runway	AN/GMQ-11	RJ-2	13 ft	
7	Mar 58	Located 3300 ft NW of station	Same	Same	Same	

SER NO	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
3	Jan 71	1. Located 500 ft E of centerline 1200 ft from end of rnwy 15 2. Located 500 ft E of centerline 1500 ft from end of rnwy 33	GMQ-11/ 20 Same	RO-2 Same	12 ft Same	
3	Dec 79	1. Same 2. Same	Same Same	RO-362 Same	Same Same	
3	Dec 83	1. Same 2. Same	Same Same	Same Same	Same Same	

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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATION

HOLLOMAN AFB NM
STATION NAME

77-86
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		3.7		1.9	.1	5.5	3.5			.1	3.7	930
	03-05		3.4	.1	2.9		6.2	4.8				4.8	930
	06-08	.1	3.2		2.6		5.7	6.9			.1	7.0	930
	09-11		1.8		2.5		4.3	6.2			.1	6.3	930
	12-14		2.9		1.8		4.7	2.9			.2	3.1	930
	15-17		3.1		1.0		4.1	1.2			.2	1.4	930
	18-20	.1	4.0		.9		4.8	1.9				1.9	930
	21-23		4.3		1.4		5.7	1.8			.1	1.9	930
TOTALS		.0	3.3	.0	1.9	.0	5.1	3.7			.1	3.8	7440

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 STATION HOLLOWMAN AFB NM 77-86 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	.2	1.5		1.4		2.7	.1				.1	846
	03-05		2.6		2.0		4.5	.8			.2	1.1	846
	06-08		4.0		1.4		5.3	1.2			.1	1.3	846
	09-11	.1	3.7		1.2		4.5	1.4			.4	1.6	846
	12-14		3.3		1.2	.1	4.5	.5			.6	1.1	846
	15-17	.2	3.2		.8		4.0	.6			2.4	3.0	846
	18-20	.4	2.4		.8		3.2	.4			1.7	2.0	846
	21-23	.5	1.3		.9		2.1	.5			.6	1.1	846
TOTALS		.2	2.8		1.2	.0	3.9	.7			.8	1.4	6768

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 HOLLoman AFB NM 77-86 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		2.2				2.2				.9	.9	930
	03-05		1.5		.2		1.7	.1	.3		.6	1.1	930
	06-08		2.4		.3	.1	2.8	.6	.3		.3	1.3	930
	09-11		1.5		.5		1.9	.3	.1		1.4	1.8	930
	12-14	.1	1.5		.3	.1	1.8				3.5	3.5	930
	15-17	.2	1.6		.1		1.6				4.4	4.4	930
	18-20	.2	1.1				1.1	.2			2.9	3.1	930
	21-23		1.3				1.3				1.1	1.1	930
TOTALS		.1	1.6		.2	.0	1.8	.2	.1		1.9	2.2	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITION

747320
STATION

HOLLOMAN AFB NM
STATION NAME

77-86
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.7	1.9		1.3		3.2	.7	.1		1.3	2.1	900
	03-05	.1	1.3		1.2		2.6	.3	.3		1.2	1.9	900
	06-08	.2	1.6		1.2		2.8	1.0	.3		.9	2.2	900
	09-11		1.2		1.1		2.3	1.1	.3		1.6	3.0	900
	12-14		1.3		1.3		2.7	1.1	.1		2.7	3.9	900
	15-17	.7	1.6		.9		2.4	.6			5.6	6.1	900
	18-20	.7	1.6		1.0		2.4	.7			4.2	4.9	900
	21-23	.7	.9		1.0		1.9	.7			1.0	1.7	900
TOTALS		.4	1.4		1.1		2.5	.8	.1		2.3	3.2	720

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATION

HOLLOMAN AFB NM
STATION NAME

77-86

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.5	1.9				1.9	.2			.5	.8	930
	03-05	.4	1.4				1.4						930
	06-08	.1	1.3				1.3	.3				.3	930
	09-11	.6	1.1				1.1						930
	12-14	1.1	.6			.1	.8				.2	.2	930
	15-17	2.5	2.0				2.0				1.0	1.0	930
	18-20	2.8	3.5			.1	3.5				1.5	1.5	930
	21-23	1.3	1.9				1.9		.1		.9	1.0	930
TOTALS		1.2	1.7			.0	1.7	.1	.0		.5	.6	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATION

HOLLOMAN AFB NM
STATION NAME

77-86
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.6	2.7				2.7	.4				.4	900
	03-05	.4	1.1				1.1	.2			.1	.3	900
	06-08	.1	1.9				1.9				.1	.1	900
	09-11	.4	1.4				1.4						900
	12-14	2.3	2.3				2.3						900
	15-17	2.7	2.6				2.6				.9	.9	900
	18-20	4.4	4.6				4.6				.8	.8	900
	21-23	2.2	4.1				4.1	.2			.4	.7	900
TOTALS		1.8	2.6				2.6	.1			.3	.4	7200



USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATION

HOLLOMAN AFB NM
STATION NAME

77-86

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.2	4.1				4.1						930
	03-05	.5	2.3				2.3						930
	06-08	.4	1.5				1.5	.1				.1	930
	09-11	.2	1.2				1.2	.1				.1	930
	12-14	3.3	3.0				3.0						930
	15-17	6.3	4.7				4.7				.1	.1	930
	18-20	6.8	4.0			.1	4.0				.2	.2	930
	21-23	4.0	4.2				4.2						930
TOTALS		3.0	3.1			.0	3.1	.0			.0	.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATION

HOLLOMAN AFB NM
STATION NAME

77-86
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	4.1	6.7				6.7						930
	03-05	2.7	4.5				4.5						930
	06-08	.5	2.7				2.7	.1				.1	930
	09-11	.2	1.6				1.6						930
	12-14	2.9	3.3				3.3						929
	15-17	7.5	5.2				5.2				.1	.1	929
	18-20	7.8	6.3				6.3				.1	.1	927
	21-23	5.7	8.6				8.6				.2	.2	927
TOTALS		3.9	4.9				4.9	.0			.1	.1	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATION

HOLLOMAN AFB NM
STATION NAME

76-85

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.3	6.3				6.3	.6	.2			.8	900
	03-05	1.0	4.7				4.7	.3	.3			.7	900
	06-08	.2	4.6				4.6	1.9	.3			2.2	900
	09-11		4.7				4.7	1.6	.3			1.9	900
	12-14	1.4	5.4				5.4	.9			.1	1.0	900
	15-17	2.9	6.7				6.7	.3			.2	.6	900
	18-20	1.7	6.0				6.0						900
	21-23	1.3	6.7				6.7						900
TOTALS		1.2	5.6				5.6	.7	.1		.0	.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATION

HOLLOMAN AFB NM
STATION NAME

76-85

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02	.5	5.2				5.2	1.6				1.6	930
	03-05	.1	4.8		.3		5.2	1.6				1.6	930
	06-08	.2	4.8		.3		5.2	3.0				3.0	930
	09-11	.1	4.4		.2		4.5	1.4			.1	1.5	930
	12-14	.5	3.5				3.5	.6				.6	930
	15-17	.6	4.2				4.2	.4			.4	.9	930
	18-20	.8	3.7				3.7	1.2			.2	1.4	930
	21-23	.5	5.1				5.1	1.3				1.3	930
TOTALS		.4	4.5		.1		4.6	1.4			.1	1.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 STATION HOLLOWMAN AFB NM STATION NAME 76-85 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	3.8		1.1		4.9	2.3			.2	2.6	900
	03-05		3.4		1.2		4.7	3.0			.1	3.1	900
	06-08		2.9	.1	1.0		4.0	3.6				3.6	900
	09-11	.1	3.0		1.0		3.9	2.1	.2		.2	2.3	900
	12-14	.1	3.4		1.3		4.4	1.9			.1	2.0	900
	15-17	.4	3.6		.9		4.2	1.3			.7	2.0	900
	18-20	.1	3.0		.9		3.4	1.3			.1	1.4	900
	21-23	.1	2.9		.3		3.2	1.0			.3	1.3	900
TOTALS		.1	3.3	.0	1.0		4.1	2.1	.0		.2	2.3	7200

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320
STATIONHOLLOMAN AFB NM
STATION NAME

76-85

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		2.5	.1	1.6		3.8	2.2	.3		.3	2.8	929
	03-05		3.3		1.4		4.6	2.3	.2		.3	2.8	930
	06-08		3.4		1.3	.1	4.7	3.0			.4	3.4	930
	09-11		3.9		1.4		5.3	3.1			.3	3.4	930
	12-14		3.0		1.6		4.6	2.2			.3	2.5	930
	15-17	.1	3.0		1.2		4.2	1.8			1.0	2.8	930
	18-20		1.5		1.5	.1	2.8	1.2			.2	1.4	930
	21-23	.1	2.2		1.8	.2	3.5	1.3	.1		.3	1.7	930
TOTALS		.0	2.9	.0	1.5	.1	4.2	2.1	.1		.4	2.6	7439



USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 STATION HOLLOWMAN AFB NM 76-86 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.3	.0	1.9	.0	5.1	3.7			.1	3.8	7440
FEB		.2	2.8		1.2	.0	3.9	.7			.8	1.4	6768
MAR		.1	1.6		.2	.0	1.8	.2	.1		1.9	2.2	7440
APR		.4	1.4		1.1		2.5	.8	.1		2.3	3.2	7200
MAY		1.2	1.7			.0	1.7	.1	.0		.5	.6	7440
JUN		1.8	2.6				2.6	.1			.3	.4	7200
JUL		3.0	3.1			.0	3.1	.0			.0	.1	7440
AUG		3.9	4.9				4.9	.0			.1	.1	7432
SEP		1.2	5.6				5.6	.7	.1		.0	.9	7200
OCT		.4	4.5		.1		4.6	1.4			.1	1.5	7440
NOV		.1	3.3	.0	1.0		4.1	2.1	.0		.2	2.3	7200
DEC		.0	2.9	.0	1.5	.1	4.2	2.1	.1		.4	2.6	7439
TOTALS		1.0	3.1	.0	.6	.0	3.7	1.0	.0		.6	1.6	87639

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

747320

HOLLOMAN AFB NM

42-86

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	79.7	8.7	1.6	3.2	1.8	2.9	1.7	.4	.1					11.6	1333	.50	1.88	.00
FEB	82.0	8.2	.8	3.3	1.4	2.8	1.3	.2						9.6	1215	.36	1.37	TRACE
MAR	83.7	9.5	.9	1.8	1.3	1.6	.7	.3	.1					6.8	1301	.29	2.05	.00
APR	86.1	8.8	1.0	1.7	.6	1.1	.7	.1						5.1	1261	.18	1.00	.00
MAY	82.7	9.6	.8	2.2	1.5	1.7	1.1	.4	.2					7.7	1302	.40	2.93	.00
JUN	73.6	14.8	1.3	3.0	1.5	2.4	1.9	1.4	.2					11.7	1260	.75	3.63	TRACE
JUL	49.6	26.0	3.2	7.1	4.1	5.0	3.5	1.1	.5					24.5	1333	1.25	3.67	.01
AUG	55.3	21.0	2.6	5.9	4.1	5.3	3.8	1.6	.5					23.7	1333	1.33	4.38	.19
SEP	69.0	13.4	1.7	3.7	2.9	4.2	2.8	1.7	.5					17.6	1290	1.23	4.45	TRACE
OCT	80.9	5.8	1.4	3.7	1.4	2.7	2.0	1.7	.5					13.3	1333	.99	4.22	.00
NOV	86.5	6.7	.3	1.9	1.4	1.5	1.0	.6	.1					6.8	1320	.38	2.50	.00
DEC	82.4	6.3	1.4	3.2	1.5	3.2	1.3	.5	.1					11.3	1364	.53	2.50	.00
ANNUAL	76.0	11.6	1.4	3.4	2.0	2.9	1.8	.8	.2					12.5	15645	8.19		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 42-86

24 HOUR AMOUNTS IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						JUN	JUL						
42									.55	.82	TRACE	.45	
43	.06	TRACE	.10	TRACE	.27	1.94	.19	.18	.30	TRACE	1.24	.86	1.94
44	.50	.28	.11	.35	.02	1.11	1.00	.14	2.06	.06	.08	.28	2.06
45	.18	TRACE	TRACE	TRACE	TRACE	.04	.28	.78	.01	.81	.00	.01	.81
46	.18	.04					.01	.36	.44	.04	.17	.10	
47				*.00							.51	.62	
48	1.23	.49	.01	TRACE	1.82	.82	.05	.30	.06	.49	TRACE	.56	1.82
49	.57	.46	TRACE	.15	.29	.37	.12	.22	1.20	.68	TRACE	.32	1.20
50	.03	.05	.01	TRACE	TRACE	.17	.50	.63	.75	.90	.00	.00	.90
51	.39	.45	.07	.21	TRACE	TRACE	.05	.19	TRACE	.25	.07	.25	.45
52	.27	.35	.24	.43	.15	.26	.42	.27	.18	.00	.01	.24	.43
53	.00	.39	.04	.65	TRACE	.36	1.35	.19	.22	.51	TRACE	.05	1.35
54	.07	.02	.25	.04	.23	.13	.14	.88	.78	.04	.00	TRACE	.88
55	.51	TRACE	.20	.02	.09	.22	.62	.21	1.14	.33	TRACE	TRACE	1.14
56	.03	.32	.00	TRACE	TRACE	.44	.16	.48	TRACE	.15	.00	.02	.48
57	.27	.58	.27	.31	.08	TRACE	1.01	.44	.44	.70	.52	TRACE	1.01
58	.41	.25	1.33	.23	.23	.13	.22	.72	.54	.88	.10	TRACE	1.33
59	TRACE	.41	TRACE	.05	.25	.24	.34	.62	TRACE	.65	TRACE	.16	.65
60	.54	.31	.10	TRACE	.18	.36	.82	.83	.29	.58	.12	.75	.83
61	.19	TRACE	.53	TRACE	.03	.60	.38	.20	.69	.03	.47	.18	.69
62	.30	.18	.09	.12	.00	.13	1.26	.14	.74	.24	.44	.49	1.26
63	.06	.19	TRACE	.05	TRACE	.07	.24	.63	.36	.61	.04	TRACE	.63
64	.02	.17	.44	.06	.07	.02	.34	.61	.66	TRACE	TRACE	.10	.66
65	.51	.16	.26	.16	.22	.15	.19	1.22	.96	.29	.03	.34	1.22
66	.29	.24	TRACE	.29	.70	.69	.11	.59	.24	.04	.07	.04	.70
67	.00	.41	.07	.01	.06	.67	.14	.35	1.91	.01	.44	.36	1.91
68	.33	.28	.51	.35	.17	.05	.49	.44	TRACE	.09	.64	.21	.64
69	.24	.06	.12	TRACE	.40	.64	1.39	.79	.35	1.78	.06	.44	1.78
70	.01	.13	.16	TRACE	.13	.36	.23	.65	.03	.28	.00	.15	.65
71	.05	.02	TRACE	.22	.02	.20	.48	.42	.20	.68	.67	.10	.68

NOTE: * BASED ON LESS THAN FULL MONTHS

CONTINUED ON NEXT PAGE...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HULLMAN AFB NM

PERIOD OF RECORD: 42-86

24 HOUR AMOUNTS IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
72	.40	.02	TRACE	.00	.06	.49	.79	1.17	1.63	1.20	.30	.47	1.63
73	.39	.61	.55	TRACE	.35	.72	1.38	.29	.04	.33	.02	TRACE	1.38
74	.39	.93	.99	.08	.08	.03	.16	.60	.61	.87	.19	.29	.87
75	.09	.20	.20	TRACE	.05	TRACE	.31	.29	.94	.05	.15	.21	.94
76	.08	.31	.03	.38	.55	.31	.22	.11	.71	.27	.33	TRACE	.71
77	.18	.12	.33	.29	.37	.09	.26	.65	.10	.35	.24	.17	.65
78	.28	.25	.13	.02	.59	.31	.05	.63	.44	1.15	.82	.19	1.15
79	.30	.35	TRACE	TRACE	.33	.45	.42	1.08	.43	TRACE	TRACE	.36	1.08
80	.39	.18	.08	TRACE	.18	.20	.15	1.02	1.12	.20	.10	.04	1.12
81	.24	.24	.06	.01	.26	.59	.28	.54	.45	.34	.23	.14	.59
82	.18	.24	TRACE	.02	.14	.37	.39	.34	1.71	TRACE	.24	1.35	1.71
83	.73	.46	.05	.37	.07	.33	.29	.29	.30	.39	.42	.32	.73
84	.24	TRACE	.40	TRACE	.99	.64	.34	.39	.30	.80	.60	.77	.99
85	.43	.16	.23	.38	.17	.13	.49	.60	.49	1.59	.05	.06	1.59
86	TRACE	.24	.22	TRACE	.27	.47	.24	.46					
MEAN	.268	.224	.169	.111	.233	.384	.481	.510	.566	.458	.213	.259	1.655
S.D.	.237	.169	.244	.157	.328	.369	.373	.287	.526	.439	.275	.283	.453
TOTAL OBS	1333	1215	1201	1261	1302	1260	1333	1333	1290	1333	1320	1364	15645

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42									2.25	1.43	TRACE	.91	
43	.06	TRACE	.13	TRACE	.64	3.63	.47	.24	.40	TRACE	1.24	1.42	8.23
44	.63	.54	.11	.15	.03	1.16	2.18	.91	2.81	.06	.28	.46	9.22
45	.19	TRACE	TRACE	TRACE	TRACE	.04	.55	1.92	.02	1.20	.00	.01	3.93
46	.32	.64					.01	.44	.98	.05	.28	.10	
47				*.00							1.14	.72	
48	1.26	.80	.01	TRACE	2.93	1.92	.14	.71	.11	1.01	TRACE	.96	9.85
49	1.88	.79	TRACE	.30	.29	.50	.21	.39	2.42	1.35	TRACE	.37	8.50
50	.03	.05	.01	TRACE	TRACE	.46	1.66	.88	1.69	1.28	.00	.00	6.06
51	.43	.47	.09	.40	TRACE	TRACE	.08	.50	TRACE	.61	.07	.38	3.08
52	.34	.39	.41	.55	.22	.51	1.25	.51	.14	.00	.02	.24	4.58
53	.00	.63	.13	.78	TRACE	.61	2.50	.19	.22	.61	TRACE	.05	5.72
54	.07	.02	.12	.08	.26	.24	.24	2.12	.93	.05	.00	TRACE	4.13
55	.94	TRACE	.57	.02	.12	.23	2.89	.38	1.62	.49	TRACE	TRACE	7.26
56	.04	.49	.40	TRACE	TRACE	.47	.39	.75	TRACE	.32	.00	.04	2.50
57	.29	.79	.45	.52	.08	TRACE	2.73	1.11	.44	3.49	.62	TRACE	10.52
58	1.16	.58	2.95	.31	.78	.91	.45	1.09	2.46	2.30	.13	TRACE	13.12
59	TRACE	.41	TRACE	.09	.31	.31	1.35	2.29	TRACE	.65	TRACE	.32	5.73
60	.64	.35	.13	TRACE	.25	.51	1.54	1.55	.59	.68	.14	2.36	8.74
61	.25	TRACE	.55	TRACE	.03	.72	.53	.63	1.73	.03	1.22	.59	6.28
62	.88	.33	.10	.12	.00	.23	1.63	.22	2.19	.47	.44	.69	9.30
63	.11	.27	TRACE	.07	TRACE	.07	.61	2.38	.68	.91	.07	TRACE	5.17
64	.02	.31	.44	.06	.07	.02	.86	1.15	1.68	TRACE	TRACE	.10	4.71
65	.85	.22	.53	.16	.26	.18	.61	3.53	1.41	.30	.03	1.08	9.16
66	.42	.25	TRACE	.41	1.11	2.68	.65	1.38	.85	.06	.07	.06	7.94
67	.00	.51	.07	.01	.09	1.00	.42	1.35	2.30	.01	.59	1.09	7.44
68	.55	.71	1.35	.06	.17	.05	1.65	2.20	TRACE	.20	1.03	.21	8.18
69	.33	.11	.12	TRACE	.70	1.86	3.12	1.72	.90	2.44	.06	1.01	12.37
70	.01	.27	.37	TRACE	.20	.51	.67	.83	.06	.62	.00	.25	3.79
71	.05	.02	TRACE	.40	.03	.30	2.17	1.11	.60	1.09	.90	.45	7.12

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
72	.75	.62	TRACE	.00	.09	1.33	1.13	1.80	2.68	4.22	.62	.84	13.88
73	1.29	1.37	1.19	TRACE	.59	1.50	2.93	.69	.09	.33	.02	TRACE	10.00
74	.53	.33	.09	.12	.04	.03	1.67	1.36	1.66	3.10	.26	.70	11.59
75	.27	.26	.43	TRACE	.05	TRACE	1.06	.96	1.81	.05	.18	.39	5.46
76	.09	.58	.03	.39	1.59	.82	1.88	.55	1.69	.91	.71	TRACE	9.28
77	.59	.16	.34	.70	.76	.24	.82	.90	.18	.84	.28	.23	6.04
78	.69	.75	.18	.03	1.00	.79	.11	1.97	1.47	2.32	2.50	.72	12.53
79	.68	.67	TRACE	TRACE	1.18	.67	1.09	4.38	1.06	TRACE	TRACE	1.12	10.85
80	.80	.38	.04	TRACE	.33	.20	.25	2.62	3.91	.31	.26	.07	9.17
81	.94	.28	.19	.03	.33	.68	1.19	1.88	1.03	.57	.32	.20	7.64
82	.58	.26	TRACE	.02	.34	.45	.95	.98	4.45	TRACE	.49	2.06	10.58
83	.99	.86	.10	1.00	.08	.40	.63	1.05	1.02	1.34	1.68	.48	9.63
84	.32	TRACE	.40	TRACE	1.11	3.00	1.80	2.01	.52	2.95	1.13	2.50	15.78
85	.99	.22	.46	.69	.26	.37	1.09	2.18	2.03	4.01	.06	.06	12.42
86	TRACE	.46	3.48	TRACE	.49	1.72	1.63	1.45					
MEAN	.897	.364	.295	.175	.800	.746	1.251	1.332	1.234	.992	.383	.528	8.220
S.D.	.440	.307	.521	.260	.560	.839	.999	.888	1.076	1.147	.544	.623	3.119
TOTAL OBS	1333	1215	1301	1261	1302	1260	1333	1333	1290	1333	1320	1368	15685

NOTE * (BASED ON LESS THAN FULL MONTHS)

3 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

747320

HOLLOMAN AFB NM

46-86

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	92.2	4.1	1.1	1.4	.7	.2	.3							3.6	1209	1.4	6.7	.0
FEB	93.9	4.2	.8	.4	.4		.4							1.9	1129	.7	5.5	.0
MAR	96.5	2.4	.2	.6	.2		.1							1.0	1239	.4	4.0	.0
APR	99.2	.6		.1	.1		.1							.2	1200	.2	7.0	.0
MAY	100.0														1228	.0	.0	.0
JUN	100.0														1193	.0	.0	.0
JUL	100.0														1261	.0	.0	.0
AUG	100.0														1240	.0	.0	.0
SEP	100.0														1170	.0	.0	.0
OCT	99.8	.1		.1										.1	1209	TRACE	.9	.0
NOV	96.7	2.1	.2	.6	.2	.2	.1							1.2	1200	.5	5.9	.0
DEC	94.2	3.4	.7	.6	.4	.5	.1	.1	.1					2.4	1240	1.3	17.6	.0
ANNUAL	97.7	1.4	.2	.3	.2	.1	.1	.0	.0					.9	14518	4.5		

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 46-86

24 HOUR AMOUNT, IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46					*.0	.0	.0	.0	.0	.0	1.7	.0	
47		*.0	*.0	.0		*.0	*.0				.0	.9	
48	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
49	3.7	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	3.9	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.9
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
56	.0	4.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
57	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0
58	.4	.0	2.2	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.2
60	.3	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.6
61	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	3.8	TRACE	3.8
62	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
63	.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7
64	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.7
65	.7	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
66	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8
67	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.7
68	3.6	1.5	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.6
69	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	.4	.6
70	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
71	.3	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.3
72	2.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8	TRACE	2.8
73	4.7	3.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.0
74	.5	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.8	2.8
75	.9	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
FROM DAILY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 46-86

24 HOUR AMOUNTS IN INCHES													
YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
76	.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.9	3.3	.0	3.3
77	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.8	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.9	1.9
79	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.5
80	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.8
81	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
82	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.1	2.1
83	.6	TRACE	.0	3.7	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.7
84	TRACE	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0	4.0
85	2.6	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.6
86	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	.98	.65	.35	.09	.00	.00	.00	.00	.00	.02	.36	.72	2.14
S.D.	1.299	1.217	.931	.585	.000	.000	.000	.000	.000	.144	.918	1.401	1.541
TOTAL OBS	1209	1125	1249	1200	1228	1193	1261	1240	1170	1209	1200	1240	18518

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 46-86

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46					.0						1.7	.0	
47		*.1	*.0	.0		*.0	*.0				.0	.9	
48	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
49	5.1	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	4.5	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.7
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.0
56	.0	5.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.5
57	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0
58	.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.1
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
60	.5	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.2
61	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.2
62	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.2
63	.6	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
64	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0
65	.0	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4
66	3.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
67	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0
68	4.9	1.5	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
69	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	.6	1.2
70	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
71	.3	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.6
72	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	TRACE	6.8
73	6.7	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.4
74	.5	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.3
75	1.1	TRACE	2.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.2

NOTE * BASED ON LESS THAN FULL MONTHS.

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
FROM DAILY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 46-86

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.9	5.9	.0	7.6
77	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.4
79	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.5
80	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	2.1
81	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
82	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.2	4.5
83	.6	TRACE	.0	7.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.6
84	TRACE	TRACE	9.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.6	11.6
85	6.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	8.4
86	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	1.36	.74	.41	.18	.00	.00	.00	.00	.00	.02	.46	1.26	4.50
S.D.	1.997	1.400	.912	1.107	.000	.000	.000	.000	.000	.144	1.261	3.205	4.388
TOTAL OBS	1209	1129	1219	1200	1228	1193	1261	1290	1170	1209	1200	1240	14518

NOTE * (BASED ON LESS THAN FULL MONTHS)

1
3
6GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

747320

HOLLOMAN AFB NM

42-86

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	95.4	1.6	1.5	1.0	.3	.1								3.0	1335			
FEB	97.4	1.6	.5	.2	.2	.2								1.0	1242			
MAR	99.3	.2	.5	.1										.5	1332			
APR	99.7	.2	.1	.1										.2	1260			
MAY	100.0														1321			
JUN	100.0														1283			
JUL	100.0														1354			
AUG	100.0														1333			
SEP	100.0														1290			
OCT	100.0														1333			
NOV	98.6	.6	.3	.2	.2	.1								.8	1320			
DEC	96.0	1.6	1.2	.4	.2	.4								2.3	1364			
ANNUAL	98.9	.5	.3	.2	.1	.1								.6	15767			

USAFETAC FORM 0-15-5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

.....
DAILY SNOW DEPTH IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42													
43	2	0	0	0	0	0	0	0	0	0	0	1	2
44	TRACE	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
45	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
46	1	TRACE			*0		0	0	0	0	0	0	
47	*1	*0	*0			*0	*0				0	1	
48	2	TRACE		0	0	0	0	0	0	0	0	0	2
49	3	0	0	0	0	0	0	0	0	0	0	0	3
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	1	1	0	0	0	0	0	0	0	0	0	2	2
52	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	1	0	0	0	0	0	0	0	0	0	1
56	0	0	0	0	0	0	0	0	0	0	0	TRACE	4
57	0	0	0	0	0	0	0	0	0	0	1	0	1
58	1	0	2	0	0	0	0	0	0	0	TRACE	0	2
59	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
60	0	0	0	0	0	0	0	0	0	0	0	6	6
61	TRACE	0	0	0	0	0	0	0	0	0	2	0	2
62	2	0	0	0	0	0	0	0	0	0	0	0	2
63	TRACE	2	0	0	0	0	0	0	0	0	0	0	2
64	0	1	0	0	0	0	0	0	0	0	0	0	1
65	0	0	1	0	0	0	0	0	0	0	0	0	1
66	1	0	0	0	0	0	0	0	0	0	0	0	1
67	0	4	0	0	0	0	0	0	0	0	0	4	4
68	5	1	1	0	0	0	0	0	0	0	TRACE	0	5
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
72	2	0	0	0	0	0	0	0	0	0	2	0	2
73	2	0	0	0	0	0	0	0	0	0	0	0	3
74	1	0	0	0	0	0	0	0	0	0	0	5	5
75	2	TRACE	1	0	0	0	0	0	0	0	0	0	2
76	TRACE	0	0	0	0	0	0	0	0	0	6	2	6
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	1	TRACE	0	0	0	0	0	0	0	0	0	2	2
79	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
80	TRACE	1	0	0	0	0	0	0	0	0	TRACE	0	1
81	2	0	0	0	0	0	0	0	0	0	0	0	2
82	2	0	0	0	0	0	0	0	0	0	TRACE	1	2
83	4	0	0	2	0	0	0	0	0	0	TRACE	0	4
84	TRACE	TRACE	1	0	0	0	0	0	0	0	0	6	6
85	3	TRACE	0	0	0	0	0	0	0	0	0	0	3
86	0	1	0	0	0	0	0	0	0	0	0	0	0
MEAN	.9	.5	.2	.0	.0	.0	.0	.0	.0	.0	.3	.7	1.9
S.D.	1.246	1.077	.857	.309	.000	.000	.000	.000	.000	.000	.991	1.581	1.836
TOTAL OBS	1335	1242	1332	1260	1321	1263	1354	1333	1290	1333	1320	1364	15767

NOTE * (BASED ON LESS THAN FULL MONTHS)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 52-86

DAILY PEAK GUSTS IN KNOTS

YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
52			WS 51	SW 40	NNW 41	WSW 37	SSE 35	NE 35	SSE 35	S 21	W 41	W 39	
53	W 35	WSW 35	SW 38	W 46	WSW 40	SSE 42	W 43	NW 34	SSW 24	W 34	WSW 38	SSW 42	W 46
54	WSW 67	NNW 49	W 47	N 45	W 45	SW 52	NE 40	N 41	NNE 34	S 29	NW 29	S 37	WSW 67
55	WSW 39	SW 36	W 38	W 43	SSW 46	LNE 39	NNW 40	N 35	S 40	NNW 27	W 41	W 30	SSW 46
56	WSW 32	W 47	WSW 41	WSW 47	SSE 36	SSW 45	SE 40	LNE 35	NE 32	SW 35	NNW 39	NNW 28	W 47
57	SW 37	WSW 27	SSW 39	W 41	SW 57	W 35	ESE 46	WSW 32	W *29	NNW 45	N 31	NNW 25	SW 57
58	SW 38	SSW 44	NNW 38	W 44	S 42	NNW 42	NNW 44	ENE 33	N 31	SW 23	S 28	WSW 35	W 44
59	SW 35	SW 39	WSW 38	N 32	SW 35	N 41	N 43	SSE 40	S 31	SSW 37	N 28	W 40	N 43
60	WSW 42	WSW 49	W 38	SSW 30	NNW 46	W 41	S 47	W 37	SW 45	S 32	SSW 35	WSW 26	WSW 49
61	NNW 21	WSW 38	S 46	WSW 38	WSW 40	NNW 55	E 41	ESE 31	NNW 30	SE 38	WSW 30	WSW 40	NNW 55
62	SSW 31	SW 41	WSW 45	WSW 49	SW 33	N 33	NE 34	NNE 43	NNW 30	SSW 27	SW 28	SSE 26	WSW 49
63	WSW 35	SW 34	S 39	S 42	W 43	SW 44	ENE 37	N 37	SSE 28	NW 34	WSW 38	N 38	SW 44
64	W 42	NNW 36	SSW 50	WSW 40	NNW 50	N 36	ESE 36	SSE 37	SSE 40	NNE 26	SW 37	W 32	SSW 50
65	W 45	WSW 31	SW 33	NNW 38	NNW 45	NNW 53	N 38	N 48	SSE 34	SSW 37	WSW 38	SW 32	NNW 53
66	SSW 31	SW 33	SSW 41	NNW 69	NNW 51	SE 37	NNW 43	N 58	NNW 35	W 50	S 34	WSW 37	NNW 69
67	WSW 36	W 39	SSW 46	WSW 42	WSW 51	NW 45	ESE 46	NE 45	NNW 41	NNW 39	WSW 29	ESE 33	WSW 51
68	SW 26	NNW 35	SSW 34	W 45	N 37	NNE 52	W 40	29/ 37	35/ 31	19/ 25	35/ 36	23/ 39	NNE 52
69	28/ 33	25/ 37	30/ 40	12/ 48	9/ 37	17/ 45	16/ 32	33/ 38	36/ 38	25/ 31	1/ 28	27/ 33	12/ 48
70	20/ 28	25/ 34	28/ 46	24/ 45	5/ 38	28/ 45	35/ 37	6/ 33	33/ 32	34/ 41	27/ 32	26/ 46	28/ 46
71	21/ 36	24/ 46	24/ 46	19/ 41	22/ 47	16/ 38	34/ 50	29/ 41	19/ 24	19/ 31	25/ 32	20/ 27	34/ 50
72	24/ 35	35/ 32	28/ 40	24/ 40	19/ 39	35/ 44	35/ 47	7/ 34	5/ 32	25/ 43	25/ 29	26/ 49	26/ 49
73	29/ 36	27/ 27	26/ 36	26/ 40	11/ 38	9/ 39	27/ 38	13/ 33	9/ 29	24/ 38	28/ 34	22/ 37	26/ 40
74	22/ 31	24/ 32	24/ 36	27/ 48	24/ 27	8/ 44	24/ 42	36/ 39	31/ 35	29/ 31	17/ 23	22/ 38	27/ 48
75	29/ 40	25/ 36	25/ 39	23/ 41	25/ 35	23/ 45	27/ 37	10/ 51	36/ 36	28/ 28	26/ 58	24/ 32	26/ 58
76	35/ 32	27/ 30	19/ 40	24/ 38	25/ 40	35/ 34	36/ 36	1/ 35	5/ 31	27/ 34	35/ 31	32/ 26	19/ 40
77	24/ 30	26/ 47	27/ 42	25/ 36	27/ 41	10/ 33	34/ 39	9/ 36	8/ 34	14/ 23	22/ 40	26/ 45	26/ 47
78	24/ 23	22/ 31	23/ 37	21/ 41	13/ 38	31/ 35	4/ 36	6/ 31	22/ 26	22/ 32	21/ 34	22/ 37	21/ 41
79	23/ 36	25/ 27	26/ 36	22/ 42	24/ 36	32/ 37	6/ 57	30/ 37	8/ 32	23/ 37	24/ 34	27/ 47	6/ 57
80	25/ 31	24/ 35	27/ 49	25/ 46	20/ 45	8/ 46	1/ 38	2/ 35	17/ 23	22/ 32	30/ 27	32/ 15	27/ 49
81	26/ 20	33/ 35	26/ 40	25/ 42	23/ 36	5/ 40	36/ 38	18/ 48	33/ 34	24/ 43	23/ 36	23/ 36	18/ 48

NOTE: * (BASED ON LESS THAN FULL MONTHS)
* (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 52-86

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
82	20/ 38	33/ 32	26/ 50	24/ 38	27/ 40	15/ 40	15/ 35	31/ 36	28/ 38	35/ 25	16/ 26	19/ 40	26/ 50
83	23/ 29	31/ 27	24/ 39	24/ 45	30/ 41	35/ 42	7/ 39	4/ 46	28/ 34	26/ 28	21/ 42	25/ 44	4/ 46
84	6/ 25	26/ 43	39/ 43	22/ 67	21/ 30	19/ 38	34/ 30	6/ 46	30/ 26	20/ 37	39/ 26	16/ 35	22/ 67
85	20/ 28	15/ 33	25/ 40	37/ 41	32/ 41	13/ 38	7/ 38	19/ 40	26/ 29	22/ 28	25/ 38	21/ 19	32/ 41
86	7/ 32	35/ 30	14/ 38	26/ 42	26/ 36	39/ 33	21/ 33	8/ 35					
MEAN	24.01	36.51	41.11	43.31	40.71	41.31	39.91	38.61	32.51	33.01	33.81	34.81	50.0
S.D.	8.2631	6.9271	4.7331	7.1041	6.1641	5.7831	5.4291	6.1651	5.0931	6.8601	6.7061	7.9051	7.239
TOTAL OBS	10471	9561	10451	10471	10821	10471	10491	10831	10121	10491	10091	10831	17594

NOTES * (BASED ON LESS THAN FULL MONTHS)
S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.5	4.6	1.6	.4								13.1	4.1
NNE	4.5	1.5										6.0	2.8
NE	3.9	2.0										5.9	2.9
ENE	2.8	1.4										4.2	2.8
E	3.2	1.3	.3									4.8	3.1
ESE	2.2	1.3	.4									3.9	3.6
SE	2.6	4.1	1.3									8.0	4.6
SSE	2.9	3.1	1.4									7.4	4.3
S	1.6	2.2	.9	.3								4.9	5.2
SSW	.3	.3	.1	.1								.9	5.1
SW	1.5	.4	.2	.3	.1							2.6	5.0
WSW	.1	.4	.2	.4								1.2	8.8
W	1.6	1.3	.2	.1								3.2	4.1
WNW	1.2	.5										1.7	2.8
NW	.8	1.2	.2									2.2	4.1
NNW	2.2	1.7		.3								4.2	4.2
VARIABLE													
CALM	////////////////////											25.8	////
TOTALS	57.7	27.4	6.5	2.5	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-84
MONTH: JAN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.3	5.9	1.6	.5								14.4	4.3
NNE	5.3	2.4	.1									7.7	2.8
NE	4.1	1.7	.2									6.0	2.9
NNE	2.7	1.1										3.8	2.7
E	4.4	1.4										5.8	2.7
ESE	1.9	1.5	.4									3.9	3.6
SE	2.9	2.5	.9									6.2	4.0
SSE	1.8	2.0	1.3									5.2	4.7
S	1.5	2.0	.0	.2								4.6	4.9
SSW	.5	1.0	.3	.1								1.9	5.3
SW	.5	.3	.1	.2	.2							1.4	6.9
WSW	.4	.8	.3	.4								1.9	6.4
W	1.0	.3	.1	.1								1.5	3.6
WNW	1.2	.9	.1									2.2	3.4
NW	1.4	1.0	.1		.1							2.6	3.9
NNW	3.2	1.6	.4	.4								7.0	4.3
VARIABLE													
CALM	////////////////////											25.9	////
TOTAL	39.2	27.7	7.1	2.0	.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	5.4	6.2	2.0	.3								14.0	4.5
NNE	4.1	.8										4.8	2.4
NE	3.0	.6		.1								3.8	2.7
NNE	3.0	.5		.1								3.7	2.6
E	3.3	.6	.1									4.1	2.4
ESE	2.6	1.9	.2									4.7	3.1
SE	3.3	2.2	.9									6.3	4.0
SSE	2.7	4.0	1.5	.1								8.3	4.7
S	1.5	1.3	1.2	.1								4.1	5.3
SSW	.4	.3	.4	.1	.1							1.4	6.4
SW	.8	.5	.2	.3								1.8	5.5
WSW	.8	.5	.3	.2								1.8	5.4
W	.9	.3	.0		.1							1.5	4.4
WNW	1.3	.4	.1									1.8	3.2
WW	.9	1.6	.6									3.1	4.5
NW	1.9	1.5	.9	.2								4.5	4.9
VARIABLE													
CALM	////////////////////											30.2	////
TOTAL	35.8	27.4	8.7	1.6	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	2.9	3.4	1.8	.3							10.8	7.5
NNE	.5	.6	.3	.1								1.6	4.7
NE	.5	.2		.2								1.0	5.2
ENE	.3	.3	.1									.8	4.0
E	1.2	.1										1.3	2.0
ESE	2.6	1.1	.1									3.8	3.2
SF	3.9	2.4	1.4	.5								8.1	4.6
SSE	3.5	4.0	2.9	.9								11.3	5.5
S	5.7	4.2	2.6	.8								13.4	4.8
SSW	2.0	.2	.5	.4								3.2	4.5
SW	1.3	1.0	.9	.6	.1							3.9	6.4
WSW	.9	.4	.5	.4	.1							2.4	6.7
W	1.2	.8	.4	.2	.1							2.7	5.0
WNW	1.4	1.1	.2									2.7	3.6
NW	1.7	1.2	1.2	.3								4.4	5.1
NNW	.5	2.0	1.9	1.4								5.9	8.1
VARIABLE													
CALC	////////////////////											22.9	////
TOTALS	29.1	20.5	17.1	7.7	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.7	2.5	1.7	.1						7.0	7.9
NNE	.1	.4	.4	.1							1.1	6.3
NE	.4	.1		.1							.6	4.5
NNE	.2										.2	1.0
E	1.0	.3	.1								1.4	3.0
ESE	.8	.6	.1								1.5	3.8
SE	1.2	1.1	.8	.2							3.2	5.0
SSE	3.3	3.0	1.7	.6							8.7	5.2
S	5.8	5.8	2.0	1.6							16.1	5.3
SSW	2.3	1.5	1.4	.9	.2						6.2	6.3
SW	1.5	1.2	1.4	1.4	.3						5.8	7.9
WSW	1.9	1.5	.8	.9	.5	.3					5.9	7.7
W	1.7	3.2	1.6	.3							6.9	5.0
WNW	2.2	2.2	1.5	.5							6.3	5.3
NW	2.0	2.3	1.6	.2							6.1	5.2
NNW	1.6	2.4	3.0	1.1	.2						8.3	7.1
VARIABLE												
CALC	////////////////////////////////////										14.5	////
TOTAL	27.0	27.3	19.6	9.7	1.4	.7					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (GUFDEFS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	2.2	2.6	.8							7.5	6.1
NNE	.9	.4	.2	.1	.2						1.7	6.3
NF	.5		.1								.6	3.2
ENE	.3	.1	.2								.6	4.5
E	.6	.9									1.5	3.9
ESE	.6	.4	.1								1.2	3.4
SE	2.3	2.4	.8	.2							5.6	4.4
SSE	2.5	3.0	2.0	.8	.1						8.4	5.9
S	3.2	3.4	2.5	1.8	.2						11.2	6.4
SSW	2.4	1.7	1.3	.4	.1						5.9	5.3
SW	1.7	1.3	1.3	1.2	.4	.1					6.0	8.1
WSW	2.2	1.0	.8	1.9	.4	.1					6.3	8.4
W	4.0	3.1	.4	.3	.1						8.0	4.1
WNW	3.0	2.9	.4	.1							6.5	3.8
NW	2.0	2.7	1.1	.2	.1						6.1	5.2
NNW	1.5	1.0	1.6	.9							5.9	6.3
VARIABLE												
CALM	////////////////////										16.9	////
TOTAL	29.7	27.4	15.4	8.7	1.7	.7					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.5	4.8	1.0									11.3	3.8
NNE	4.0	3.5	.3									7.8	3.5
NE	3.5	2.5	.1									6.1	3.2
ENE	3.8	1.3	.1	.2								5.4	3.5
E	3.8	2.5	.7									6.6	3.5
ESE	2.5	1.5	.1									4.1	3.2
SE	1.8	1.8	1.3		.1							5.1	5.1
SSE	1.6	3.8	2.0	.5	.1							8.1	5.9
S	1.9	2.9	1.0	.1								5.9	4.6
SSW	1.6	1.2	.4	.3	.1							3.7	5.5
SW	.8	1.5	1.0	1.0		.2						4.4	7.9
WSW	1.1	1.1	.5	.4								3.1	5.9
W	1.4	.6	.2	.1								2.4	4.0
WNW	1.7	.3	.4									2.5	3.3
W	2.3	1.7										4.0	3.1
WNW	2.7	1.9	.2									4.2	3.7
VERIFIABLE													
CALC	////////////////////											15.5	////
TOTALS	39.2	33.0	6.0	2.7	.3	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.5	5.2	.9	.4								12.9	4.1
NNE	3.1	2.7	.2									6.0	3.4
NE	4.0	2.2	.2									6.3	3.1
ENE	4.6	2.2										6.8	2.8
E	3.8	1.7	.1									5.6	2.8
ESE	2.3	1.6	.3	.1								4.3	3.8
SE	3.4	3.8	1.1	.1								8.4	4.3
SSE	1.4	4.2	.9	.4								7.3	4.9
S	2.3	1.9	1.2	.3								5.7	5.0
SSW	1.0	1.2	.5	.2	.2	.1						3.2	6.8
SW	.6	.8	.4	.3	.1							2.3	6.7
WSW	.5	.9	.2	.3								1.9	6.1
W	1.1	1.7	.2	.1								2.4	4.0
WNW	1.1	.4	.3									2.2	3.8
W	1.6	1.4	.1									3.1	3.3
WNW	1.7	1.7	.3									3.0	3.4
VARIABLE													
CALM	////////////////////											18.6	////
TOTAL	39.4	32.3	7.9	1.4	.3	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747520 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	4.4	4.2	2.0	.8	.1						11.4	5.0
NNE	2.8	1.5	.2	.0	.0						4.6	3.3
NE	2.5	1.2	.1	.1							3.8	3.1
ENE	2.2	.9	.1	.0							3.2	3.0
E	2.7	1.1	.1								3.9	3.0
ESE	1.9	1.2	.2	.0							3.4	3.4
SE	2.7	2.5	1.0	.1	.0						6.4	4.5
SSE	2.5	3.4	1.7	.4	.0						8.1	5.2
S	2.9	3.0	1.7	.7	.0						8.3	5.3
SSW	1.7	.9	.6	.3	.1	.0					3.3	5.7
SW	1.1	.9	.7	.7	.2	.0					3.5	7.1
WSW	1.0	.9	.5	.6	.1	.1					3.1	7.2
W	1.6	1.3	.4	.2	.0						3.6	4.4
WNW	1.5	1.1	.4	.1							3.2	4.0
WW	1.6	1.6	.6	.1	.0						4.0	4.5
NNW	1.8	1.9	1.1	.5	.0						5.4	5.6
VARIABLE												
CALC	////////////////////										21.0	////
TOTALS	34.7	27.6	11.4	4.6	.6	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.0	1.4	.0	.4							11.7	4.2
NNE	4.7	1.9		.1							6.6	2.8
NE	4.6	2.1		.1							6.9	3.2
ENE	3.1	1.1									4.1	2.7
E	2.7	1.2	.1								4.0	2.9
ESE	2.6	2.1	.1								4.8	3.4
SE	1.9	2.9	1.4								6.1	4.8
SSE	2.4	3.3	1.3	.1							7.1	5.0
S	1.5	2.2	1.6	.4							5.9	5.6
SSW	.8	1.3	.2								2.4	4.2
SW	.9	.2	.4	.2							1.8	5.1
WSW	.4	.6	.4	.2							1.5	6.3
W	1.9	.7	.7	.2							3.5	4.4
WNW	.9	1.1	.5	.1							2.6	4.7
NW	1.3	1.4	.6								3.3	4.3
NNW	2.5	2.0	.6	.2							5.3	4.2
VARIABLE												
CALM	////////////////////										22.2	////
TOTAL	37.3	29.4	9.0	2.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.5	5.0	1.2	.2								12.9	4.0
NNE	4.8	2.5	.4	.1								7.8	3.3
NF	4.3	2.9	.2									7.3	3.2
NNE	4.5	1.5	.4	.1								6.5	3.2
E	5.0	1.3	.1									6.4	2.7
ENE	2.5	1.3	.2	.1								4.1	3.6
SE	3.1	1.8	1.3	.4								6.5	4.7
SSE	2.8	2.7	1.5	.4								7.4	4.8
S	1.7	1.5	1.8	.2								5.2	5.5
SSW	.6	.5			.1							1.2	4.6
SW	.4	.7	.6	.2								1.9	6.3
WSW	.2	.7	.1	.1								1.2	5.5
W	.9	.7	.1		.1							1.8	4.7
WNW	.9	.6										1.5	2.9
NW	1.1	1.1	.5									2.6	4.4
NNW	1.5	1.1	.4	.5								3.4	5.1
VARIABLE													
CALM	////////////////////											22.2	////
TOTAL	45.7	21.0	6.7	1.4	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 146

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(1ST): 0600-0800

DIRECTION (DUREFS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.3	4.5	2.2	.1							12.2	4.2
NNE	2.9	2.0	.6	.1							5.6	3.7
NE	3.7	1.2	.1								4.3	2.8
ENE	3.5	1.4									5.0	2.4
E	4.0	1.1	.1								5.2	2.7
ESE	1.9	1.3	.2	.1							3.5	3.7
SE	4.1	2.7	1.5	.2							8.6	4.5
SSE	2.4	3.7	1.9	.4							8.3	5.2
S	1.8	1.7	1.1	.1							4.6	4.6
SSW	1.1	.9	.4	.1							2.4	4.7
SW	.8	.2	.1	.2							1.4	4.9
WSW	.4	.7	.2	.1	.1						1.5	6.4
W	.7	.2	.2								1.2	3.5
WNW	.4	.5	.2	.1							1.2	5.1
NW	1.4	1.4	.5								3.3	4.0
NNW	1.9	1.5	.4		.1						3.9	4.2
VARIABLE												
CALM	////////////////////										21.9	////
TOTALS	35.5	24.9	8.7	1.7	.2						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.5	3.7	2.2							8.5	8.4
NNE	.7	.7	.2	.1							1.8	4.9
NE	.1	.1									.2	4.0
ENE	.5										.5	2.3
E	.6	1.1									1.7	3.6
ESE	1.7	1.2									2.8	3.0
S	2.1	2.7	1.4	.9							7.2	5.7
SSE	3.9	3.2	3.3	.7							11.1	5.4
S	4.8	5.7	2.6	.6	.1						13.8	5.0
SSW	3.2	1.7	.8	.4							6.0	4.6
SW	.8	1.3	1.7	.6							4.4	7.2
WSW	1.7	1.3	.7	.2	.2	.2					4.4	6.6
W	1.5	.9	1.1	.1	.2						3.9	5.8
WNW	1.1	1.3	.2	.1							2.7	4.5
NW	1.4	1.8	1.8	.2	.1						5.3	5.8
NNW	1.3	1.1	2.8	1.3	.4						6.9	8.2
VARIABLE												
CALM	////////////////////										18.8	////
TOTAL	26.8	21.5	20.7	7.6	1.1	.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747325 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	.8	2.0	2.2	2.2	.2						7.6	8.5
NNE	.1	.4									.5	5.0
NE	.2	.1									.4	2.3
ENE												
E	.8	.6									1.4	3.2
ESE	.5	.8	.1								1.4	4.3
SE	1.9	1.1	1.2	.6	.1						4.8	6.0
SSE	2.8	3.1	1.4	.5							7.8	4.9
S	4.0	4.8	4.0	.9	.1						13.9	5.6
SSW	3.2	2.0	1.2	.6	.4						7.3	5.5
SW	2.0	1.7	1.5	1.4	.6						7.2	7.3
WSW	2.6	1.9	1.4	.6	.6	.4					7.4	7.3
W	2.6	3.0	1.7	.9	.1		.2				8.5	6.3
WNW	1.5	4.0	1.2	.4							7.2	5.3
WW	1.4	2.7	2.7	.9	.1						7.9	6.9
NNW	1.1	2.0	3.1	.8							7.0	7.1
.....												
VARIABLE											
CALM	////////////////////										9.6	////
TOTAL:	25.7	31.1	21.6	9.9	2.2	.4	.2				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	1.7	2.5	.7	.1						6.6	6.3
NNE	1.1	.2	.4	.1							1.8	4.1
NE	.6	.8									1.4	3.3
ENE	.8	.4	.4								1.5	4.2
E	1.2	.7	.1								2.0	3.5
ESE	.8	1.1	.2	.1							2.2	4.7
SE	2.2	1.8	1.1	.1							5.2	4.6
SSE	2.0	3.3	2.6	.6							8.5	5.9
S	2.4	3.1	3.4	.9							9.8	6.2
SSW	1.8	1.7	1.2	.8		.1					5.6	6.2
SW	1.5	1.8	2.2	.5							6.0	6.1
WSW	1.8	2.1	.9	1.4	.8	.7	.2				8.0	10.0
W	3.9	4.3	2.2	.9	.2	.7	.2				12.1	6.5
WNW	1.7	1.1	1.7	.1							4.5	5.5
NW	2.0	1.8	1.2	.8	.1						5.9	6.2
NNW	1.5	2.1	2.5	.5	.4						7.0	6.8
VARIABLE												
CALM	////////////////////										11.8	////
TOTALS	27.0	27.4	22.6	7.7	1.7	1.1	.5				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.3	3.1	1.4	.6	.1							8.5	5.1
NNE	2.6	1.1	.2									3.9	3.3
NE	1.9	2.0	.1									4.0	3.7
ENE	3.0	2.6										5.6	3.1
E	4.8	3.3	.1									8.3	3.2
ESE	2.1	2.5	.2									4.8	3.7
SE	3.2	3.2	1.7									8.0	4.3
SSE	2.7	4.3	2.5	.4								9.8	5.2
S	1.9	1.8	1.4									5.1	4.7
SSW	1.5	1.5	.5	.1								3.7	4.4
SW	1.3	1.1	.9	.8	.1							4.3	6.7
WSW	1.1	.9	1.1	1.4	.5	.1						5.0	9.3
W	1.5	1.8	.8	.9	.2	.1						5.4	7.0
WNW	.9	.4		.1								1.4	3.4
NW	1.3	1.2	.1									2.6	3.7
NNW	.7	1.4	.4	.5								3.0	5.9
VARIABLE													
CALM	////////////////////											16.7	////
TOTALS	33.9	31.9	11.5	4.3	.9	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 146

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.2	4.6	.5	.4								11.1	4.1
NNE	4.0	3.2	.2									7.4	3.3
NE	3.7	2.6										6.3	3.3
NNE	4.6	2.0			.1							6.7	3.0
E	3.8	2.1	.1									6.0	3.2
ESE	2.2	1.2	.5									3.9	3.6
SE	3.7	3.8	1.3									8.7	4.2
SSE	2.5	3.0	2.0	.1								7.6	4.9
S	2.5	3.2	.6	.1								6.4	4.1
SSW	1.5	1.9	.5									3.9	4.0
SW	1.2	1.8	.6	.1								3.9	5.2
WSW	.5	.9	.5	.6								2.5	7.4
W	.6	1.2	.9									2.7	5.3
WNW	.6	.1	.4	.1								1.2	5.9
NW	.9	.4		.2								1.5	4.5
NNW	1.0	.9	.1									3.0	3.4
VARIABLE													
CALM	////////////////////											17.1	////
TOTALS	39.4	22.9	8.4	1.7	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.6	3.5	1.9	.9	.1						9.9	5.3
NNF	2.6	1.5	.3	.1							4.4	3.4
NE	2.3	1.5	.1	.0							3.8	3.2
ENE	2.5	1.1	.1	.0	.0						3.7	3.0
E	2.9	1.4	.1								4.4	3.0
ESE	1.8	1.4	.2	.0							3.5	3.7
SE	2.8	2.5	1.4	.3	.0						6.9	4.8
SSE	2.7	2.3	2.1	.4							8.5	5.2
S	2.6	3.0	2.1	.4	.0						8.1	5.3
SSW	1.7	1.4	.6	.3	.1	.0					4.0	4.9
SW	1.1	1.1	1.0	.5	.1						3.9	6.4
WSW	1.1	1.1	.7	.6	.3	.2	.0				3.9	8.1
W	1.7	1.6	1.0	.4	.1	.7	.1				4.9	6.0
WNW	1.0	1.1	.5	.1							2.8	4.9
NW	1.4	1.5	.9	.3	.0						4.1	5.5
NNW	1.6	1.5	1.0	.5	.1						4.9	6.0
VARIABLE												
CALM	////////////////////										18.3	////
TOTALS	33.2	24.5	14.1	4.7	.8	.2	.1				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAY AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.6	4.8	1.5	.2								12.2	4.1
NNE	2.4	1.9	.2									4.5	3.5
NE	2.9	1.5										4.3	2.9
ENE	2.6	1.3										3.9	2.9
E	4.7	2.8	.1		.1							7.7	3.4
ESE	1.9	1.8	.5	.1								4.4	4.2
SE	2.8	4.5	1.1	.4								8.8	4.8
SSE	2.7	5.3	3.2	.5								11.7	5.6
S	2.6	3.7	3.0	1.3								10.5	5.9
SSW	1.2	1.2	.6	.3		.1						3.4	6.1
SW	.8	.9	1.9			.1						3.7	6.5
WSW	.5	1.2	.4	.3	.2							3.1	7.2
W	.8	1.2	.5	.3								2.8	5.8
WNW	.1	.5	.3									1.0	5.6
WW	.9	1.1	.6									2.6	4.9
WNW	1.3	1.2	.8									3.2	4.5
VARIABLE													
CALM	////////////////////											12.2	////
TOTAL	33.5	30.8	15.4	3.5	.3	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 130

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.4	5.9	1.2	.1	.1	.1						11.8	4.6
NNE	3.2	4.5	.6	.1								8.5	3.9
NE	3.1	1.8										4.9	3.0
NNE	4.7	2.0	.1									6.1	3.0
E	3.1	1.5										4.6	3.0
ESE	2.4	1.4	.3	.1								4.2	3.7
SE	2.7	2.9	2.4	.3								8.3	5.3
SE	2.4	5.3	2.9	.2								10.8	5.3
S	1.8	3.0	1.6	.2								6.7	5.4
SSW	.4	1.1	.6	.5								3.0	6.7
SW	.4	.3	1.1	.5	.1							2.5	8.5
WSW	.6	.5	.4	.6								2.3	7.5
W	.5	.3	.3	.1								1.3	5.8
WNW	.5	.1	.1									.8	3.9
NW	1.0	1.3	.3	.1								2.7	4.6
NNW	1.4	2.7	.5	.3		.1						5.1	5.2
VARIABLE													
CALM	////////////////////											16.6	////
TOTALS	32.4	34.7	12.6	3.3	.2	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	5.9	3.2	2.5	.2							11.8	4.2
NNE	2.9	1.9	.1	.1							4.9	3.3
NE	3.5	1.5									5.1	2.6
ENE	2.6	.8									3.3	2.9
E	3.2	1.1	.1								4.4	2.9
ESE	1.9	1.7	.3	.2							4.2	4.3
SE	3.4	3.7	1.6	.6							9.4	5.0
SSE	1.9	4.0	4.0	.4							10.3	6.0
S	2.7	3.5	1.4	.3							8.0	5.0
SSW	1.0	.5	1.0	.4	.1						3.1	6.9
SW	.4	1.1	1.3	.9							3.7	8.0
WSW	1.2	.5	.9	.9	.2	.2					3.9	8.4
W	1.0	.3	.3	.1							1.7	4.5
WNW	1.1	.8									1.8	3.2
W	.8	.9	.6								2.3	4.9
NNW	2.2	1.6	1.0	.2							5.2	4.6
VARIABLE												
CALM	////////////////////										17.0	////
TOTAL	35.6	27.4	15.1	4.4	.3	.2					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.2	2.5	1.5	.2						6.6	8.0
NNE	.2	.3	.3								.9	5.3
NE	.1		.1								.2	4.5
ENE			.1								.1	7.0
E	.4	.3									1.1	2.7
ESE	.5	1.0									1.5	3.9
SE	1.3	1.1	.5	.3		.1					3.3	5.8
SSE	1.6	2.5	4.3	1.4							9.8	7.1
S	3.7	6.5	5.4	2.2	.1						17.7	6.4
SSW	2.7	3.1	1.6	1.1	.2	.1					8.8	6.3
SW	3.1	1.6	1.4	1.6	.8	.2	.1				9.2	7.9
WSW	1.7	1.6	1.0	1.2	1.3	.2	.1				8.1	9.5
W	1.5	2.7	1.5	1.4	.8	.3					7.7	8.7
WNW	.4	2.0	1.5	.4	.3	.1					4.8	7.9
NW	.9	1.9	1.0	1.0							4.7	6.8
NNW	.6	2.2	2.7	1.3							6.8	7.7
VARIABLE												
CALC	////////////////////////////////////										8.6	////
TOTALS	25.3	27.5	25.3	13.3	3.7	1.1	.2				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.9	.6	.5								2.4	7.0
NNE	.2	.1										.3	2.7
NE	.2	.2		.1								.5	4.8
NNE	.2											.2	2.5
E	.1	.3	.2									.6	5.8
ESE	.8	.5	.1									1.4	3.6
SE	1.3	1.3	.4	.6	.1							3.8	6.3
SSE	1.0	2.3	1.9	1.8	.2							7.2	8.0
S	1.7	4.5	5.9	3.3	.6							16.1	8.2
SSW	1.3	1.8	2.3	2.2	.8	.1						8.4	9.2
SW	1.6	2.2	2.4	2.9	1.1	.6						10.8	10.1
WSW	1.3	2.7	4.4	3.1	1.9	1.2	.2	.1				14.9	11.3
W	2.5	2.4	3.9	1.9	1.2	.4	.3	.1				12.7	9.8
WNW	1.4	1.5	2.7	.9	.3							6.8	7.4
NW	1.3	1.7	2.9	.8	.1							6.8	7.1
NNW	.4	1.4	1.6	.4								3.9	6.9
VARIABLE													
CALM	////////////////////											5.2	////
TOTALS	15.6	23.8	29.8	17.6	6.3	2.4	.5	.2				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR FATHER SERVICE/HAC

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.2	.5	.9							3.8	6.6
NNF	.2	.3	.3	.1							1.0	6.7
NE	.4	.1									.5	2.4
ENF	.1	.1	.2	.2							.6	8.0
E	1.2	.2	.2								1.6	3.1
ENF	.9	1.2	.1		.2						2.3	5.7
SE	.9	1.2	.9	.5	.2						3.7	7.3
SSE	.5	1.5	2.3	.6	.2	.1					5.3	8.1
S	1.5	3.9	3.9	3.9	.4						13.5	8.4
SSW	.6	1.8	2.6	3.5	.5	.1					9.5	9.9
SW	1.4	1.7	2.9	4.2	1.8	.4	.2				12.7	11.5
WSW	2.5	1.9	2.7	3.8	3.3	1.6	.1				15.3	11.8
W	1.0	3.8	2.4	2.0	1.1	1.1	.2				11.5	10.5
NNW	.9	2.4	1.0	.9	.3	.2					5.5	8.1
NW	1.0	2.0	1.2	.8	.4	.3					5.7	8.5
NNW	1.2	1.6	1.0	.4	.1						4.3	6.0
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	15.2	24.9	22.3	21.8	5.7	3.2	.5				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	1.7	.8	.5	.1						5.2	5.5
NNE	1.3	1.2	.3	.2							3.0	4.6
NE	.4	.9		.1							1.4	4.2
ENE	.8	1.4									2.2	4.0
E	2.5	3.7	.2								6.3	3.7
ESE	2.0	2.3	.2	.2							4.7	4.2
SE	2.2	3.4	1.5	.9							8.0	5.5
SSE	3.1	4.4	2.8	1.0	.2						11.5	5.7
S	1.9	3.9	3.8	.4							10.0	6.0
SSW	1.2	2.2	2.0	.5							5.9	6.4
SW	1.5	1.2	2.0	2.6	.5						7.8	9.2
WSW	.9	2.2	2.3	3.9	.6	.4	.1				10.3	10.6
W	1.0	1.6	1.7	2.0	.2	.1					6.7	8.9
WNW	.5	.3	.3	.4	.2						1.8	8.4
NW	.6	.3	.6	.3							1.9	6.6
NNW	.6	.4	.6	.3	.2						2.3	7.5
VARIABLE												
CALC	////////////////////////////////////										11.0	////
TOTAL	22.6	31.0	19.2	13.4	2.2	.6	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.2	2.9	1.1	.8								6.9	5.5
NNE	2.0	1.5	.3									3.9	3.5
NE	1.7	1.7										3.4	3.2
NNE	2.3	1.3	.2									3.8	3.5
E	3.4	2.4	.2									6.0	3.3
ESE	2.3	2.7	.5									5.5	3.9
SE	2.9	5.8	2.2	.8								11.6	5.2
SSE	2.7	7.0	4.1	.8								14.5	5.7
S	2.2	3.1	2.8	1.0	.2							9.2	6.6
SSW	1.1	1.9	.9	.2								4.0	5.3
SW	.9	1.3	1.1	.2	.1							3.5	6.2
WSW	.9	1.7	1.2	1.5	.8							6.6	9.1
W	.8	1.6	1.0	.5								3.9	6.1
WNW	.6	1.1	.2	.1								2.0	5.4
NW	.4	1.2	1.0	.2								2.8	6.3
NNW	.8	1.3	.2	.1	.2							2.6	6.0
VARIABLE													
CALC	////////////////////											9.8	////
TOTAL	26.0	38.4	17.5	6.1	1.3							100.0	4.9

TOTAL NUM BR OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.8	2.7	1.3	.6	.1	.0					7.6	5.2
NNE	1.5	1.5	.3	.1							3.4	3.9
NE	1.5	1.0	.0	.0							2.6	3.0
ENE	1.6	.9	.1	.0							2.5	3.3
E	2.4	1.5	.1		.0						4.1	3.3
ESE	1.6	1.6	.3	.1	.0						3.5	4.1
SE	2.2	3.0	1.3	.6	.0	.0					7.1	5.4
SSE	2.0	4.0	3.2	.8	.1	.0					10.1	6.2
S	2.3	4.0	3.5	1.6	.2						11.5	6.7
SSW	1.2	1.7	1.5	1.1	.2	.1					5.8	7.5
SW	1.3	1.3	1.8	1.6	.6	.2	.0				6.7	9.2
WSW	1.2	1.5	1.9	1.9	1.0	.4	.1	.0			8.1	10.3
W	1.1	1.7	1.5	1.1	.4	.2	.1	.0			6.0	8.8
WNW	.7	1.1	.8	.3	.1	.0					3.1	7.1
NW	.8	1.3	1.0	.4	.1	.0					3.7	6.6
NNW	1.1	1.6	1.0	.4	.1	.0					4.2	6.1
VARIABLE												
CALM	////////////////////										10.2	////
TOTALS	25.3	37.3	19.6	10.6	2.9	1.0	.2	.0			100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAY AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	2.8	5.1	2.2	.6		.1						10.8	5.5
NNE	2.6	1.9	.6	.2								5.2	4.3
NE	1.6	2.1	.6		.1							4.3	4.4
ENE	2.3	1.3	.2	.1								4.0	3.7
E	2.2	2.8	.6									5.6	3.9
ESE	1.9	1.1	.3									3.3	3.7
SE	2.9	4.7	1.7	.3								9.6	4.8
SSE	3.1	4.7	2.9	.4								11.1	5.3
S	1.9	4.3	2.6	.6	.2							9.6	6.1
SSW	.7	2.0	.9	.2	.1							3.8	6.1
SW	1.0	1.4	.4	.7	.3	.1						4.0	7.6
WSW	.8	1.4	1.1	.8	.1							4.2	7.2
W	1.1	1.0	.4	.1								2.7	4.6
WNW	.3	1.3	.6	.2								2.4	5.9
NW	.3	1.4	.7	.1		.1						2.7	6.2
NNW	.9	2.0	.9									3.8	5.1
VARIABLE													
CAL	////////////////////											13.0	////
TOTALS	26.3	38.7	16.4	4.3	.9	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.9	6.1	2.7	.1							12.4	4.8
NNE	3.0	4.2	.6								8.0	4.1
NE	3.4	2.7	.3								6.4	3.6
ENE	1.9	2.9	.1	.2							5.0	4.1
E	3.0	2.7	.4								6.1	3.7
ESE	3.1	1.9	.2								5.2	3.3
SE	1.9	5.3	1.2	.1							8.6	4.8
SSE	3.9	3.9	1.3	.1							9.2	4.4
S	2.3	3.2	1.2	.6	.2						7.6	5.6
SSW	1.7	1.0	.6								3.2	4.1
SW	.6	.6	.9	.3							2.3	6.8
WSW	.4	.8	.2	1.2	.1	.1					2.9	9.6
W	.4	1.0	.1	.6	.1	.1					2.3	8.0
WNW	.6	.9	.1	.1							1.7	4.7
NW	.7	1.3			.2						2.2	5.6
NNW	1.4	1.2	.8		.1						3.6	5.1
VARIABLE												
CALM	////////////////////										15.2	////
TOTALS	32.2	39.6	10.7	3.3	.8	.2					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.3	4.1	3.2	1.4	.1						12.2	6.1
NNE	2.3	2.7	.4								5.4	3.8
NE	1.7	.8	.4								2.9	3.6
ENE	1.6	1.0									2.6	3.1
E	2.4	1.3	.2	.1							4.1	3.8
ESE	1.6	1.6	.6	.1							3.8	4.6
SE	2.3	4.1	1.3	.4							8.2	5.1
SSE	1.9	5.3	2.9	.8							10.9	6.1
S	2.9	5.0	3.9	.1							11.9	5.5
SSW	.9	.9	.0	.2							2.9	5.6
SW	.7	1.4	.6	.6	.1						3.3	7.1
WSW	.0	1.0	1.2	.4	.2	.2					4.0	8.5
W	1.4	.9	.8	.1	.2						3.4	5.6
WNW	.9	1.2	.1	.1							2.3	4.3
NW	1.3	.8	.7		.1						2.9	4.9
NNW	.9	1.1	1.2	.4							3.7	6.5
VARIABLE												
CALM	////////////////////										15.4	////
TOTALS	27.0	33.2	18.4	4.9	.7	.3					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	1.3	1.9	1.8	.1							6.4	7.8
NNE	.2	.1	.1									.4	4.5
NE	.4	.3	.1	.1	.1							1.1	6.6
ENE	.2	.1										.3	2.3
E	.4	.2	.1									.8	4.0
ESE	.8	.6										1.3	3.0
SE	1.4	.8	.4									2.7	4.2
SSE	2.7	2.1	2.1	.9								7.8	5.9
S	3.1	5.6	5.4	2.0	.2	.2						16.6	7.0
SSW	2.3	3.4	2.7	1.9	.2	.1						10.7	7.1
SW	2.1	3.1	1.8	2.3	.6	.4	.1					10.4	8.7
WSW	1.6	2.6	4.1	2.8	.4	.4	.2					12.1	9.4
W	1.3	2.6	2.9	1.6	.3	.2						8.9	8.1
WNW	1.1	1.4	1.2	.2								4.0	5.6
NW	.9	1.6	2.1	.7	.1							5.3	7.2
NNW	.8	2.0	1.6	.9								5.4	6.9
VARIABLE													
CALM	////////////////////											5.7	////
TOTALS	27.8	27.3	26.8	15.1	2.1	1.4	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	1.0	.9	.3	.1	.2						3.3	7.7
NNE	.3	.2	.2	.1								1.0	6.2
NF			.1	.1								.2	9.5
ENE	.1	.2	.1	.1								.6	6.4
E	.8	.6	.1									1.4	4.2
ESE	.4	.2	.1	.1								.9	4.8
SE	.3	.7	.7	.4								2.1	7.5
SSE	.8	2.0	2.0	1.0								5.8	7.3
S	2.3	3.9	4.6	3.7	.8	.1						15.3	8.3
SSW	1.6	1.7	4.2	2.7	1.0	.1	.1					11.3	9.5
SW	1.0	2.7	3.6	3.1	2.3	.1		.1				13.1	10.7
WSW	.9	3.4	3.3	3.2	1.8	1.1	.1					13.8	11.2
W	2.7	4.0	4.7	1.4	.6	.4						13.8	7.5
WNW	.7	1.4	2.0	1.0								5.1	7.5
NW	.9	1.9	2.4	.6								6.1	6.9
NNW	.8	1.3	1.7	.2								4.0	6.6
VARIABLE													
CALM	////////////////////											2.1	////
TOTALS	14.2	25.2	31.3	18.1	6.6	2.1	.2	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	1.0	1.3	.7	.2	.4	.1			3.8	7.6
NNE	.2	.8	.2	.3					1.6	7.0
NE	.3	.1	.1	.1	.2				.9	8.5
ENE	.1	.6	.1						.8	4.9
E	.8	.9	.3		.1				2.1	5.4
ESE	.4	.8	.6		.1				1.9	6.4
SE	.7	.7	1.0	.6	.1	.1			3.1	8.0
SSE	.8	1.6	1.6	1.2	.2				5.3	8.1
S	1.3	3.1	3.9	4.2	.8	.1			13.4	9.4
SSW	1.2	2.0	2.9	2.0	.9				9.0	8.9
SW	1.0	2.4	3.1	4.2	1.8	.7	.3		13.6	11.7
WSW	1.1	2.8	4.8	4.2	3.6	1.4	.4		18.3	12.6
W	.9	2.1	2.8	3.7	.6	.8			10.8	10.6
WNW	.9	1.9	1.3	.3	.1				4.6	6.4
NW	.8	2.1	.9	.2	.1				4.1	6.2
NNW	1.0	.9	1.0	.6					3.4	6.3
VARIABLE										
CALC	////////////////////								3.3	////
TOTAL	12.6	24.6	25.2	21.9	9.0	3.2	.8		100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	1.4	.8	.7	.1						4.9	5.9
NNF	.7	1.1	.2	.1	.1						2.2	5.1
NF	1.0	1.4	.2	.1							2.8	4.6
ENF	1.0	.7	.2	.2							2.1	5.0
E	1.7	1.8	.6	.1	.1						4.2	4.9
ESE	1.0	1.3	.3								2.7	4.3
SE	2.2	2.9	1.1	.8							6.1	5.6
SSE	2.0	3.1	2.6	1.2							9.1	6.5
S	2.2	3.0	3.2	1.3	.1						9.9	6.8
SSW	1.9	2.9	2.6	1.8							9.1	7.0
SW	1.7	4.6	5.0	2.1	.3	.2					13.9	8.0
WSW	.8	2.1	3.4	4.3	2.8	.4					13.9	11.5
W	.9	2.2	1.8	2.3	.7	.1					7.9	9.6
WNW	.4	.8	.1	.1							1.4	4.8
NW	.3	.8	.7	.2							2.0	6.8
NNW	.4	.4	.3	.2		.1	.1				1.7	8.4
VARIABLE												
CALM	////////////////////										6.1	////
TOTAL	20.0	29.7	23.3	15.7	4.2	.9	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	2.9	1.9	.7	.2						7.2	6.4
NNE	.6	1.7	.6								2.8	5.2
NE	1.2	2.0	.4	.1	.1						3.9	5.1
NNE	2.1	1.8	.4		.1						4.4	4.3
E	3.2	3.1	.8								7.1	3.8
ESE	1.4	2.8	.4	.1							4.8	4.4
SE	2.3	4.4	1.4	.4							8.7	5.1
SE	2.0	5.3	2.9	1.0							11.2	6.0
S	2.4	3.0	2.7	2.2							10.3	7.0
SSW	1.4	1.8	1.4	.3	.1						5.1	6.1
SW	1.1	2.4	2.0	.9	.1	.1					6.7	7.3
WSW	1.4	2.3	2.4	1.3	.4						8.0	7.7
W	.9	1.7	1.9	.6							5.0	6.8
WNW	.6	1.2	.7	.2							2.7	6.1
NW	.6	.2	.2	.1							1.1	5.2
NNW	.4	.3	.8	.3							1.9	7.3
VARIABLE												
CALM	////////////////////										9.1	////
TOTALS	23.3	37.0	21.0	4.3	1.1	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOHAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	1.9	1.7	.7	.1	.1						7.6	6.1
NNE	1.2	1.6	.4	.1	.0							3.3	4.5
NE	1.2	1.2	.3	.1	.1							2.8	4.6
NNE	1.2	1.1	.2	.1	.0							2.5	4.1
E	1.8	1.7	.4	.0	.0							3.9	4.1
ESE	1.3	1.3	.3	.0	.0							3.0	4.2
SE	1.8	2.8	1.1	.4	.0	.0						6.1	5.3
SSE	2.1	3.6	2.3	.8	.0							8.8	6.0
S	2.3	3.9	3.4	1.8	.3	.1						11.8	7.1
SSW	1.5	2.0	2.0	1.1	.3	.0	.0					6.9	7.5
SW	1.1	2.3	2.2	1.9	.7	.2	.1	.0				8.4	9.2
WSW	1.0	2.1	2.6	2.3	1.2	.5	.1					9.7	10.5
W	1.2	1.9	1.9	1.3	.3	.2						6.8	8.2
WNW	.7	1.3	.5	.3	.0							3.0	6.0
NW	.7	1.3	1.0	.2	.1	.0						3.3	6.4
NNW	.8	1.2	1.1	.5	.0	.0	.0					3.4	6.4
VARIABLE													
CALM	////////////////////											8.5	////
TOTALS	22.1	31.0	21.7	11.5	3.2	1.1	.2	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 7500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.7	3.3	1.3	.2	.1							8.0	4.7
NNE	2.2	1.9	.2									4.3	3.7
NE	2.4	1.5	.4									4.3	3.8
ENE	2.7	2.2	.1									4.9	3.3
E	3.3	3.0										6.3	3.1
ESE	2.6	2.5	.1									5.2	3.3
SE	3.1	4.0	1.3	.2								8.6	4.6
SSE	3.2	5.2	1.5	.4								10.3	4.9
S	2.9	3.3	2.8	1.0								10.0	5.9
SSW	1.4	1.5	.9	.5								4.3	5.8
SW	1.1	1.0	.8	.1								2.9	4.9
WSW	.5	1.5	1.3	.2								3.5	6.3
W	1.4	1.8	.6	.2								4.1	4.8
WNW	.6	1.3	.5									2.5	4.7
NW	1.1	2.3	.5		.1							4.0	4.8
NNW	1.0	1.0	.3	.3								2.6	5.2
VARIABLE													
CALM	////////////////////											14.2	////
TOTALS	32.5	37.7	12.7	3.2	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NH

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	6.2	5.3	.9	.2							12.6	3.8
NNE	3.0	2.6	.3	.1							6.0	3.7
NE	3.5	2.5	.1	.2							6.3	3.5
ENE	3.4	2.7	.1								5.9	3.0
E	4.8	2.3	.1								7.2	3.0
ESE	2.5	2.4	.3								5.2	3.7
SE	3.5	4.8	1.0	.2							9.6	4.4
SSE	2.6	5.9	1.0	.1							9.6	4.5
S	2.4	3.8	.9	.1							7.1	4.4
SSW	.6	1.5	.3	.3							2.8	5.5
SW	.3	1.2	.4	.1							2.0	5.7
WSW	.3	.6	.5	.1	.1						1.7	6.9
W	.6	1.3	.2		.1						2.3	4.9
WNW	.9	.6	.2	.2							1.9	4.8
NW	.1	1.3									1.4	4.2
NNW	.9	1.4	.6	.1		.1					3.1	5.8
VARIABLE												
CALM	////////////////////										15.3	////
TOTALS	36.1	39.5	7.0	1.8	.2	.1					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.7	3.3	1.3	1.1		.1						8.5	5.7
NNE	1.7	1.1	.1									2.9	3.2
NE	1.9	.8	.1	.1								2.9	3.4
ENE	1.6	.2										1.8	2.3
E	3.1	.8										3.9	2.6
ESE	2.5	1.6	.2									4.3	3.5
SE	2.4	2.5	2.0	.1								7.0	4.8
SSE	2.6	6.1	3.7	.3								12.7	5.6
S	3.3	4.7	3.0	.5								11.6	5.4
SSW	.6	1.4	.9	.2	.1							3.2	6.2
SW	1.1	1.2	.8	.4		.1						3.5	6.3
WSW	1.5	.6	.6	1.2								4.0	6.8
W	1.3	1.2	.3	.1								2.9	4.1
WNW	1.0	1.5	.2									2.7	4.2
NW	1.5	1.6	.6	.1								3.9	4.5
NNW	.6	0.7	.6	.1	.1							4.3	5.7
VARIABLE													
CALM	////////////////////											19.9	////
TOTALS	29.5	31.3	14.6	4.3	.2	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(151): 0900-1100

DIRECTION (000-359)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.2	1.1	.8	.2						4.3	7.2
NNE	.5		.1								.6	2.8
NE	.3	.2	.1								.6	4.2
NNE	.1	.2		.1							.4	5.8
E	.8										.8	2.1
ESE	.3	.4	.3	.1							1.2	5.6
SE	.9	1.5	1.1	.1							3.5	5.6
SSE	2.9	4.0	2.7	.5							10.1	5.4
S	3.3	7.5	6.5	1.9	.2						19.5	6.7
SSW	1.6	3.7	2.5	1.5	.3						9.6	7.0
SW	2.5	3.7	3.5	2.3	.1						12.0	7.0
WSW	1.6	2.4	2.7	2.0	.5						9.2	8.0
W	2.3	2.6	3.4	1.0							9.2	6.3
WNW	1.5	1.0	1.3	.1							3.9	4.8
NW	1.2	1.8	.9	.1							4.0	5.0
NNW	1.0	1.8	1.0	.3	.1						4.2	6.3
VARIABLE												
CALM	////////////////////										6.8	////
TOTAL	21.8	31.9	27.1	10.9	1.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.6	.5	.6								2.2	7.6
NNE	.1	.3										.4	4.0
NE	.1	.2	.1	.1								.6	6.8
NNE	.1	.1	.1	.3	.1							.8	10.9
E	.4	1.0	.2	.1								1.7	4.9
ESE	.1	.3	.4	.1								1.0	7.1
SE	.3	1.9	1.4	.1								3.8	5.9
SSE	.5	2.0	2.2	1.3	.1							6.1	8.1
S	2.5	4.5	6.3	3.7	.6							17.6	8.1
SSW	1.0	2.6	4.8	4.0	.4							12.8	9.3
SW	1.4	2.7	4.3	3.4	.8	.1						12.7	9.2
WSW	2.6	3.5	4.1	3.1	.9	.1						14.3	8.4
W	1.9	4.4	4.4	1.5	.3		.1					12.7	7.3
WNW	.4	1.4	2.0	.3								4.2	7.0
NW	.3	1.9	.3	.8	.2							3.5	7.4
NNW	.4	1.0	1.0	.6	.1							3.1	7.9
VARIABLE													
CALM	////////////////////											2.5	////
TOTALS	12.6	25.7	32.2	20.1	3.5	.2	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.0	1.0	.6								3.5	7.2
NNE		.3	.3									.6	6.5
NE	.2	.4	.1									.8	4.6
ENE	.3	.4	.5	.1								1.4	6.8
E	.3	.5	.2	.2								1.3	6.1
ESE	.8	.8	.4	.2								2.2	5.7
SE	.5	.8	1.0	.5	.3							4.0	8.4
SSE	.8	1.4	3.3	2.6	.4							8.5	9.4
S	1.2	3.1	6.1	2.9	.3	.2						13.9	8.6
SSW	.9	2.2	3.8	3.3	.8	.5						11.3	10.3
SW	1.2	1.2	4.7	5.2	.8	.4						13.4	10.6
WSW	.4	2.2	4.4	5.3	1.8	.3						14.4	11.2
W	1.9	2.7	2.9	2.4	.8	.2						10.9	8.4
WNW	.6	1.5	1.7	.2	.1							4.2	6.7
NW	1.0	1.3	.6	.3	.1							3.3	6.3
NNW	.6	1.3	.9	.5	.2							3.5	7.4
VARIABLE													
CALM	////////////////////											2.8	////
TOTALS	11.6	21.0	32.9	24.4	5.6	1.7						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.5	1.1	.3	.4						4.7	6.6
NNE	.6	.5	.1	.3	.2						1.8	7.2
NE	.4	.6	.5	.4							2.0	7.1
ENE	1.1	.4	.3	.2							2.0	4.9
E	1.8	1.2	.6	.2							3.9	4.5
ESE	1.1	.6	.5	.1	.1						2.5	5.4
SF	1.8	2.6	1.4	1.5							7.3	6.7
SSE	2.3	3.8	2.8	1.1	.2						10.1	6.6
S	1.2	3.3	3.8	1.3	.2						9.8	7.3
SSW	1.3	3.3	1.9	1.2	.3						8.1	7.0
SW	2.2	4.8	3.9	3.2	.4						14.5	7.8
WSW	1.8	3.4	5.4	2.7	1.0	.1					14.4	8.8
W	1.1	1.4	1.5	.8	.1	.2	.1				5.2	8.1
WNW	.9	.8		.1		.1					1.8	5.4
NW	.3	.6	.6	.4							2.2	6.9
NNW	.2	.5	.9	.3	.1						2.0	7.7
VARIABLE												
CALC	////////////////////										7.6	////
TOTALS	19.5	29.6	25.1	14.2	3.1	.4	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	2.4	2.0	.3	.1	.1						6.3	6.3
NNE	1.0	1.2	.3	.2								2.7	4.8
NE	1.6	1.1	.3	.1								3.1	4.0
ENE	2.6	1.9	.1	.1								4.7	3.4
E	4.3	4.7		.4								9.5	3.7
ESE	2.2	3.3	.3									5.8	4.0
SE	2.6	4.0	1.6	.6	.1							8.9	5.6
SSE	2.2	4.4	2.4	1.2	.1							10.2	6.2
S	2.3	3.0	2.6	.8								8.6	6.0
SSW	1.8	2.3	1.2	.4								5.7	5.4
SW	1.6	3.1	.6	.3								5.7	5.0
WSW	1.4	2.9	2.0	1.0								7.3	6.6
W	1.1	1.7	1.2	.5								4.5	5.9
WNW	.5	1.4	.2									2.2	4.5
NW	.3	.8	.5	.2								1.8	6.2
NNW	1.0	.6	.5	.3								2.5	5.7
VARIABLE													
CALC	////////////////////											10.4	////
TOTALS	27.7	38.8	16.6	6.6	.3	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NH

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58	
N	2.1	2.3	1.1	.5	.1	.0					6.3	5.5
NNE	1.1	1.0	.2	.1	.0						2.4	4.2
NE	1.3	.9	.2	.1							2.6	4.1
NNE	1.5	.9	.2	.1	.0						2.8	3.8
E	2.4	1.7	.1	.1							4.3	3.5
ESE	1.5	1.5	.3	.1	.0						3.4	4.2
SE	1.9	2.8	1.5	.4	.1						6.6	5.5
SSE	2.1	4.1	2.4	.9	.1						9.7	6.2
S	2.4	4.2	4.0	1.5	.2	.0					12.3	6.8
SSW	1.1	2.3	2.0	1.4	.2	.1					7.2	7.8
SW	1.4	2.4	2.4	1.9	.3	.1					8.4	8.0
WSW	1.3	2.2	2.6	1.9	.5	.1					8.6	8.6
W	1.5	2.1	1.8	.8	.2	.1	.0				6.5	6.8
WNW	.8	1.2	.8	.1	.0	.0					2.9	5.5
NW	.7	1.5	.5	.2	.1						3.0	5.6
NNW	.7	1.3	.7	.3	.1	.0					3.2	6.4
VARIABLE												
CALC	////////////////////										9.9	////
TOTALS	23.9	32.2	21.0	10.7	1.8	.2	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.7	1.7	1.6	.4	.2							6.0	5.1
NNE	2.0	1.8	.3									4.1	3.6
NE	2.2	1.9	.1	.1								4.3	3.5
ENE	3.0	1.9	.4	.2								5.6	3.9
E	3.7	3.0	.2									6.9	3.4
ESE	1.8	1.2	.4									3.4	3.9
SE	2.4	3.9	2.8	.6								9.7	5.5
SSE	3.8	5.4	3.6	1.7		.1						14.6	6.2
S	1.2	3.8	4.1	3.2	.2							12.6	8.0
SSW	.7	1.4	1.2	.3								4.0	6.2
SW	.7	.7	1.0	.4								2.8	6.4
WSW	.7	.2	.6									1.4	4.9
W	1.0	1.1	.3	.1								2.6	5.0
WNW	1.3	.8	.4									2.6	3.9
NW	1.0	1.1	.3	.1								2.6	4.7
NNW	.9	1.9	.7	.2								3.7	5.2
VARIABLE													
CALM	////////////////////											13.3	////
TOTALS	29.0	32.1	17.6	7.4	.4	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOHAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.8	3.7	.3	.1								9.9	3.4
NNE	3.9	2.3	.3									6.6	3.3
NE	3.6	2.7	.3									6.6	3.5
ENE	3.6	1.6		.1								5.2	3.1
E	3.6	3.3	.2		.1							7.2	3.6
ESE	2.7	2.0										4.7	3.5
SE	3.3	3.1	1.7									8.1	4.6
SSE	2.7	6.3	2.7	.9								12.6	5.6
S	2.1	2.3	1.6	.4								6.4	5.5
SSW	.3	.2	.7	.1								1.3	5.9
SW	1.4	.7	.2									2.3	3.4
WSW	.6	.4	.1	.2								1.3	5.4
W	1.1	.7										1.8	3.4
WNW	.3	1.1	.1									1.6	4.3
NW	.9	.9		.1								1.9	4.2
NNW	1.2	1.6	.7	.2								3.7	5.0
VARIABLE													
CALC	////////////////////											18.9	////
TOTALS	37.0	32.6	8.9	2.2	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.3	3.3	1.9	.3								9.9	4.5
NNE	1.9	.3	.3									2.6	3.2
NE	1.6	.8										2.3	2.9
ENE	1.4	.3										1.8	2.6
E	1.9	.6										2.4	2.9
ESE	2.0	1.1										3.1	3.1
SE	2.2	3.0	1.7	.2								7.1	4.9
SSE	3.3	3.4	3.1	.3								10.2	5.5
S	2.9	3.9	2.3	.6								9.7	5.4
SSW	.9	1.1	.7	.1								2.8	5.1
SW	1.2	.6		.2								2.0	3.9
WSW	.7	.8	.2	.1								1.8	4.8
W	1.9	1.8	.2									3.9	3.7
WNW	2.0	1.6	.3									3.9	3.7
NW	2.4	1.7	1.0									5.1	4.2
NNW	2.8	1.9	1.1	.6	.1							6.4	5.1
VARIABLE													
CALM	////////////////////											25.0	7.777
TOTALS	33.4	26.1	12.9	2.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLINATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	2.1	.9	1.0								5.1	6.8
NNE	.9	.3	.2									1.4	3.7
NE	.7	.1										.8	2.0
ENE	.4											.4	2.0
E	1.0	.2	.1									1.3	3.0
ESE	.9	.8										1.7	3.3
SE	1.2	1.3	.9									3.4	4.9
SSE	1.9	3.7	2.3	.4								8.3	5.6
S	4.9	8.9	5.1	2.1	.1							21.1	5.9
SSW	2.6	3.2	3.1	.6								9.4	5.9
SW	2.8	3.2	1.9	.2								8.1	4.9
WSW	2.4	2.1	2.2	.2								7.0	5.3
W	3.0	3.3	1.3	.1								7.8	4.6
WNW	2.9	2.4	.9	.1								6.3	4.3
NW	2.1	2.2	.8	.1								5.2	4.4
NNW	.9	1.2	1.0	.8								3.9	6.8
VARIABLE													
CALM	////////////////////											8.6	////
TOTALS	29.7	35.2	20.6	5.7	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOHAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.8	.6	.1								2.9	4.8
NNE	.4	.3	.3									1.1	4.5
NE	.6	.2	.2	.1								1.1	4.8
ENE	.4	.1	.1	.3								1.0	7.1
E	.9	.8	.2	.2								2.1	4.9
ESE	1.1	1.3	.3	.1								2.9	4.5
SE	1.0	1.8	.8	.1	.1	.1						3.9	5.9
SSE	2.0	4.4	2.7	.9	.1							10.1	6.3
S	1.6	5.3	5.7	3.0	.2	.1						15.9	7.8
SSW	1.4	3.2	2.3	1.6								8.6	7.1
SW	1.7	3.1	2.7	1.8	.3							9.6	7.5
WSW	2.0	3.2	2.8	1.1								9.1	6.3
W	2.0	5.2	3.8	.2	.1							11.3	6.0
WNW	1.1	2.3	1.9	.2								5.6	5.9
NW	1.6	3.4	1.8	.2								7.0	5.5
NNW	1.2	1.1	1.0	.4								3.8	5.9
VARIABLE													
CALM	////////////////////											4.1	////
TOTALS	20.4	36.8	27.1	10.4	.9	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.6	.7	.8	.7	.2	.2						4.1	7.8
NNE	.2	.1	.2	.3	.1							1.0	9.1
NE	.1	.2	.4	.3		.1						1.2	10.1
ENE	.7	.9	.4	.6	.3							2.9	7.9
E	.7	1.2	.9	.4	.1							3.3	6.8
ESE	.7	.6	.7	.2								2.1	5.9
SF	.7	1.4	1.8	1.0	.1							5.0	8.1
SSE	.8	2.8	3.6	1.2	.2	.2						9.0	8.2
S	1.8	3.6	5.0	2.7	.7							13.7	8.2
SSW	1.3	2.9	2.2	2.2	.6	.1						9.3	8.4
SW	1.2	2.1	2.3	2.7	.7	.1						9.1	9.2
WSW	1.9	2.9	3.7	3.3	.8							12.6	8.9
W	1.2	4.0	3.6	1.1	.2							10.1	7.1
WNW	.9	2.2	1.2	.1								4.4	5.7
NW	.3	1.2	.7	.6	.1							2.9	7.5
NNW	1.2	1.3	1.3	.8	.1							4.8	6.5
VARIABLE													
CALM	////////////////////											4.4	////
TOTALS	15.2	28.1	29.0	18.2	4.2	.8						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	2.0	1.4	1.1	.3						6.4	7.0
NNE	.8	.4	.3	.6							2.1	6.8
NE	.9	.9	.7	.2							2.7	5.8
ENE	.6	.8	.7	.2	.1						2.3	6.4
E	1.6	1.0	.8	.1	.1						3.6	5.0
ESE	.6	1.3	.2	.2							2.3	5.1
SE	1.3	3.0	2.6	1.2	.1						8.2	7.0
SSE	2.6	4.8	4.0	2.0	.2						13.6	6.9
S	2.0	4.4	3.7	2.0	.6						12.7	7.4
SSW	1.7	2.3	2.2	.8	.1						7.1	6.6
SW	1.4	2.7	1.6	2.0	.2						7.9	7.6
WSW	1.4	1.9	3.9	1.4	.2						8.9	7.7
W	1.4	2.8	2.2	1.0	.3						7.8	7.2
WNW	1.0	.3	.7	.6	.1						2.7	7.2
NW	.4	.7	.7	.2							2.0	6.2
NNW	.4	1.0	.4	.1	.2	.1					2.3	7.8
VARIABLE												
CALC	////////////////////										7.4	////
TOTALS	19.7	30.3	26.0	13.8	2.7	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	2.1	.4	.8	.2						5.4	5.9
NNE	1.3	1.8	.6	.1							3.8	4.6
NE	1.4	1.3	.6	.2		.1					3.7	5.5
ENE	1.6	2.3	.8	.3	.1						5.1	5.5
E	2.9	3.4	.3	.3							7.0	4.2
ESE	2.6	1.4	.6	.3							4.9	4.2
SF	2.1	4.4	2.2	1.0	.1						9.9	6.0
SSF	3.1	4.8	4.6	2.1	.1						14.7	6.8
S	1.4	3.4	4.4	1.9	.1						11.3	7.4
SSW	1.7	2.0	.8	.4							4.9	5.4
SW	2.0	2.1	.6	.1							4.8	4.3
WSW	.9	1.8	.9	.1							3.7	5.1
W	1.6	2.6	.6	.4							5.1	5.0
WNW	.8	.7	.2								1.7	3.9
NW	.4	.7		.1	.3		.1				1.7	8.8
NNW	1.2	.8	.2	.3							2.6	4.8
VARIABLE												
CAL	////////////////////										9.9	////
TOTALS	26.9	30.7	17.7	8.7	1.0	.1	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

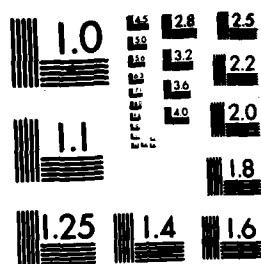
PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	2.0	.9	.6	.1	.0					6.2	5.4
NNE	1.4	.9	.3	.1	.0						2.8	4.2
NE	1.4	1.0	.3	.1		.0					2.8	4.4
NNE	1.5	1.0	.3	.2	.1						3.0	4.8
E	2.0	1.7	.3	.1	.0						4.2	4.1
ESE	1.5	1.2	.3	.1							3.1	4.1
SE	1.8	2.7	1.8	.5	.1	.0					6.9	5.8
SSE	2.5	4.5	3.3	1.2	.1	.0					11.6	6.4
S	2.2	4.5	4.0	2.0	.2	.0					12.9	7.0
SSW	1.3	2.1	1.7	.8	.1	.0					5.9	6.6
SW	1.6	1.9	1.3	.9	.2	.0					5.8	6.6
WSW	1.3	1.7	1.8	.8	.1						5.7	6.9
W	1.7	2.7	1.5	.4	.1						6.3	5.8
WNW	1.3	1.4	.7	.1	.0						3.6	5.0
NW	1.2	1.5	.7	.2	.1		.0				3.5	5.3
NNW	1.2	1.3	.8	.4	.1	.0					3.9	5.8
VARIABLE												
CALM	////////////////////										11.5	
TOTALS	26.4	32.2	20.6	8.6	1.2	.2	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 7500

AD-A175 364

HOLLAMAN AFB NEW MEXICO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL 2/4
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86
UNCLASSIFIED USAFETAC/DS-86/866 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.7	1.3	1.2	.6	.1						8.0	4.5
NNE	2.3	1.1	.3								3.7	3.6
NE	1.7	1.5	.3								3.5	3.5
ENE	2.3	1.1	.3		.1						3.8	3.7
E	2.7	1.4	.2								4.3	3.3
ESE	1.3	1.2	.6	.3							3.4	5.1
SE	3.7	3.1	1.9	.3							9.0	4.8
SSE	3.1	4.7	6.1	1.1							15.1	6.3
S	1.4	3.1	3.5	1.4	.1						9.6	7.1
SSW	.8	1.2	1.1	.2	.1						3.3	6.5
SW	.8	.0	.2	.1							1.9	4.7
WSW	.8	1.4	.1								2.3	4.0
W	1.3	1.7	.3	.1							3.4	4.3
WNW	1.2	1.5	.1	.1							2.9	4.1
WV	1.4	1.3	.6								3.3	4.5
NNW	1.2	1.7	.6	.3	.1						4.0	5.8
VARIABLE												
CALP	////////////////////										18.5	////
TOTAL	30.4	28.2	17.7	4.6	.5						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	7.3	3.3	.9	.1								11.6	3.2
NNE	4.5	1.8	.2									6.6	3.1
NE	3.7	2.2	.1									5.9	3.0
ENE	3.9	1.4										5.3	2.8
E	3.4	2.0	.1									5.6	3.2
ESE	1.6	1.4	.2									3.2	3.8
SF	1.7	2.2	1.3	.1								5.3	4.9
SSE	3.8	5.6	2.3	.3								11.9	4.9
S	1.5	2.6	1.0	.5								5.6	5.4
SSW	.4	.4	.2									1.1	4.8
SW	.4	.3	.3									1.1	4.9
WSW	.3	.2	.1									.6	4.2
W	1.3	.8										2.0	2.9
WNW	1.1	.4	.3									1.8	3.8
NW	1.8	1.2	.1									3.1	3.3
NNW	2.4	2.4	.1	.1								4.9	3.6
VARIABLE													
CALM	////////////////////											24.3	////
TOTAL	39.1	28.2	7.2	1.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	5.4	3.9	.9	.1							10.2	3.7
NNE	2.9	1.7	.2								4.8	3.1
NE	1.9	1.2									3.1	2.8
NNE	1.7	.1									1.8	2.1
E	1.7	.6									2.4	2.9
ESE	1.2	1.0	.4								2.6	3.9
SE	1.6	2.6	1.1	.1							5.4	4.8
SSE	2.0	2.7	1.7	.2							6.7	5.0
S	3.2	2.8	2.6	.3							8.9	5.2
SSW	1.1	.5	.3								1.9	3.8
SW	1.5	.9									2.4	3.0
WSW	1.2	.5									1.7	3.0
W	2.6	1.4	.1								4.1	3.2
WNW	2.8	2.0	.4								5.3	3.4
NW	3.3	2.3	.4								6.0	3.5
NNW	2.7	2.4	.4	.1							5.6	4.0
VARIABLE												
CALM	////////////////////										21.1	////
TOTALS	36.9	26.6	8.6	.9							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.0	.8	.1								2.5	5.7
NNE	.5	.3										.9	2.9
NE	.5											.5	1.6
ENE	.9	.2										1.1	2.3
E	.6	.5										1.2	3.5
ESE	1.4	.5										1.9	2.9
SF	2.7	1.6	.1									4.4	3.1
SSF	3.8	4.0	1.6	.3								9.7	4.7
S	5.9	6.3	4.9	1.0								18.2	5.4
SSW	3.7	3.2	1.2									8.1	4.1
SW	3.5	3.1	1.5									8.2	4.2
WSW	3.2	3.9	1.1	.1								8.3	4.2
W	2.9	3.3	1.7	.1								8.1	4.6
WNW	1.0	2.3	.9									4.1	5.0
NW	1.7	2.4	.9	.1								5.1	4.4
NNW	1.6	1.7	.5	.2								4.1	4.6
VARIABLE													
CALM	////////////////////											13.9	////
TOTALS	34.6	34.4	15.2	1.9								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	1.2	.5	.4							3.0	6.1
NNE	.4	.3	.5	.2	.2						1.7	7.4
NE	1.0	.2	.4	.2		.2					2.0	7.1
ENE	.8	.4	1.0	.8							2.9	7.3
E	1.0	1.1	1.0	.5	.3						3.9	7.3
ESE	.5	1.5	.8	.8	.2						3.8	7.5
SE	1.6	2.5	1.7	.6							6.5	5.9
SEF	2.0	3.7	2.4	1.4							9.5	6.3
S	2.2	8.4	4.4	.9	.2						16.0	6.2
SSW	1.6	3.0	2.4	.3							7.3	6.0
SW	2.7	3.4	1.7								7.8	4.6
WSW	2.7	3.2	1.8	.1							7.8	4.8
W	1.8	4.7	2.4	.1							9.0	5.3
WNW	1.2	2.0	1.4								4.6	5.3
NW	1.2	1.8	2.2	.1							5.3	5.9
NNW	.6	1.4	1.1	.2							3.3	5.8
VARIABLE												
CALM	////////////////////										5.5	////
TOTALS	22.2	38.9	45.6	6.7	1.0	.2					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HKC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAY AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	1.1	1.0	.3	.1		.1					3.9	6.7
NNE	.6	1.2	.4	.1								2.4	5.1
NE	.2	1.0	1.5	1.3			.1					4.1	9.2
ENE	.6	1.0	1.8	1.3	.1							4.8	8.6
E	.9	1.7	2.7	1.0	.1							6.3	7.4
ESE	.5	1.7	1.1	.5								3.9	6.8
SE	1.3	3.2	1.4	1.7	.2							7.8	7.5
SSE	1.1	3.5	3.9	2.6	.2							11.3	8.1
S	2.0	3.9	4.1	2.7	.4							13.1	7.7
SSW	1.3	2.3	2.7	.3	.4							7.0	7.1
SW	1.1	2.9	2.3	.6								6.9	6.3
WSW	2.0	2.0	1.6	.6								6.3	5.7
W	1.0	4.2	2.6	.1	.1							8.0	6.1
WNW	.8	1.4	1.4	.3								3.9	6.1
NW	1.0	1.3	.9	.2	.3	.1						3.8	7.3
NNW	.6	.8	1.0	.1	.1							2.6	6.3
VARIABLE													
CALM	////////////////////											4.0	////
TOTALS	16.3	33.1	30.2	13.9	2.2	.1	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS/LSST: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.4	1.2	1.3	.6		.1					6.9	8.0
NNE	1.7	.8	.8	.1								3.3	4.4
NE	1.5	1.5	.6	.3	.1							4.1	5.5
ENE	1.7	1.0	1.5	.6	.2							5.1	6.8
E	1.2	2.7	1.6	.8								6.2	6.4
ESE	1.3	1.2	1.8	.3								4.6	5.9
SE	1.0	3.3	4.4	1.3	.1							10.1	7.4
SSE	1.2	6.7	5.9	2.6								16.3	7.4
S	1.1	4.0	3.5	2.0	.3	.1						11.1	7.9
SSW	1.2	1.4	1.2	.3	.2							4.3	6.2
SW	1.4	1.7	.9	.3								4.3	5.4
WSW	.9	1.2	.6	.2								2.9	5.2
W	1.6	1.6	1.3	.1	.1	.1						4.8	5.8
WNW	1.1	.6		.3								2.0	4.5
WV	.5	.6	.6	.2								2.0	5.8
NNW	.9	.4	.6	.4	.1							2.5	7.1
VARIABLE													
CALM	////////////////////											9.4	////
TOTALS	20.4	30.1	26.7	11.3	1.8	.2	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.9	2.2	2.3	1.1	.3							8.7	6.8
NNE	1.8	2.0	.2	.4								4.5	4.6
NE	1.9	2.0	.4	.2	.1							4.7	4.7
ENE	1.8	1.3	.5		.1	.1						3.9	4.9
E	3.7	2.0	.8	.1	.1							6.7	4.1
ESE	1.2	1.0	1.7	.4								4.3	6.1
SE	1.1	5.4	3.2	1.0								10.6	6.5
SSE	1.8	6.3	6.1	1.5	.1							15.9	6.8
S	1.7	4.3	4.2	.9								11.1	6.6
SSW	.6	1.5	.9	.1								3.1	5.4
SW	1.0	1.0	.1	.2								2.3	4.6
WSW	.9	1.0	.3									2.2	4.4
W	.9	.8	.4	.5								2.6	6.1
WNW	.9	.6	.4	.1			.1					2.2	6.3
NW	.8	.5	.4	.3								2.0	6.2
NNW	1.3	1.6	.2	.3	.2							3.7	5.7
VARIABLE													
CAL	////////////////////											11.6	////
TOTAL	24.2	33.5	22.3	7.2	1.0	.1	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGR:FS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.2	1.9	1.1	.5	.1		.0					6.8	5.2
NNF	1.9	1.2	.3	.1	.0							3.5	4.0
NE	1.6	1.2	.4	.3	.0	.0	.0					3.5	4.9
ENE	1.7	.8	.6	.3	.1	.0						3.6	5.3
E	1.9	1.5	.8	.3	.1							4.6	5.1
ESE	1.1	1.2	.8	.3	.0							3.5	5.6
SE	1.9	3.0	1.9	.6	.0							7.4	5.9
SSE	2.4	4.7	3.7	1.2	.0							12.0	6.4
S	2.4	4.4	3.5	1.2	.1	.0						11.7	6.4
SSW	1.3	1.7	1.2	.2	.1							4.5	5.7
SW	1.5	1.8	.9	.2								4.4	4.8
WSW	1.5	1.7	.7	.1								4.0	4.7
W	1.7	2.3	1.1	.1	.0	.0						5.3	5.0
WNW	1.2	1.4	.6	.1			.0					3.3	4.8
NW	1.5	1.4	.8	.1	.0	.0						3.8	5.0
NNW	1.4	1.5	.6	.2	.1							3.8	5.1
VARIABLE													
CALP	////////////////////											14.3	////
TOTALS	28.0	31.6	19.2	6.0	.8	.1	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747329 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.4	1.9	1.6	.8								9.7	4.5
NNE	3.5	1.6	.8	.2								6.1	4.0
NE	2.4	1.2		.1								3.7	3.3
ENE	2.7	.5	.2									3.4	2.9
E	3.4	1.8	.1									5.4	3.0
ESE	2.4	1.1	.3	.1								3.9	3.7
SE	1.8	2.8	1.3	.9								6.8	5.8
SSE	3.2	4.4	2.4	.4	.1							10.5	5.2
S	1.1	4.5	3.0	1.1								9.7	6.6
SSW	1.0	1.1	.6	.1								2.8	4.8
SW	1.0	.8	.2									2.4	3.5
WSW	.6	.4	.2									1.3	4.0
W	1.1	1.6										2.7	3.6
WNW	1.9	1.2	.6	.2								4.0	4.6
NW	1.7	.8	.5	.1								3.1	4.2
NNW	1.5	1.5	.8	.6								4.4	5.5
VARIABLE													
CALM	////////////////////											20.2	////
TOTAL	35.2	27.2	12.7	4.6	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	6.8	2.6	1.2	.2							10.8	3.7
NNE	4.7	2.2	.3	.1							7.3	3.1
NE	5.3	2.2	.1	.1							7.6	2.9
ENE	3.7	1.7	.1	.2							5.7	3.4
E	4.9	1.2	.1								6.2	2.6
ESE	2.2	1.2	.1								3.4	3.1
SE	2.3	2.2	.6	.1							5.3	4.4
SSE	1.9	3.8	.9								6.6	4.7
S	1.4	2.4	.8	.2							4.7	5.0
SSW	.8	.5	.1								1.4	3.9
SW	.4	.2									.6	2.8
WSW	1.1	.1	.1								1.3	2.9
W	1.5	.9	.1								2.5	3.3
WNW	1.5	.9	.1								2.5	3.3
NW	1.5	1.3	.2	.1							3.1	4.4
NNW	2.3	1.4	.6								4.3	3.6
VARIABLE												
CALC	////////////////////										26.7	////
TOTALS	42.2	24.5	5.4	1.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747325 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.9	2.2	.9									8.0	3.4
NNE	3.1	1.0	.2									4.3	2.9
NE	2.0	.8										2.8	2.5
ENE	2.6	1.0	.1									3.7	2.6
E	3.2	.6	.2									4.1	2.8
ESE	1.8	1.0	.2									3.0	3.4
SE	1.6	1.6	.4	.1								3.8	4.4
SSE	2.2	3.1	1.7	.1								7.1	4.8
S	3.1	2.2	1.7	.1								7.1	4.3
SSW	2.2	1.0										3.1	2.9
SW	1.3	.5	.1									1.9	2.9
WSW	1.9	.2										2.2	2.3
W	2.3	1.3	.2									3.8	3.1
WNW	2.3	1.7	1.0									4.9	4.2
NW	2.6	1.7	1.3									5.6	4.3
NNW	2.0	2.0	.6									4.8	4.0
VARIABLE													
CALM	////////////////////											29.9	////
TOTAL	39.1	21.8	6.4	.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	1.9	1.0	.1								5.4	4.3
NNE	.3	.2										.5	3.0
NE	1.1	.1										1.2	2.3
ENE	.5	.1										.6	2.5
E	1.4	.3										1.7	2.3
ESE	1.4	.3										1.7	2.4
SE	1.9	1.9	.6									4.5	4.0
SSE	4.2	3.8	1.9	.1								10.0	4.3
S	5.8	6.8	2.8									15.4	4.4
SSW	3.7	2.9	.8									7.3	3.8
SW	4.4	2.9	.6									8.0	3.6
WSW	3.7	2.7	.4									6.8	3.3
W	4.1	3.0	1.1									8.2	4.0
WNW	2.2	2.4	1.0	.2								5.7	4.6
NW	1.7	1.8	.9	.1								4.5	4.7
NNW	1.6	1.2	.8	.1								3.3	4.2
VARIABLE													
CALM	////////////////////											15.2	////
TOTALS	40.3	32.4	11.5	.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-56		
N	1.5	.0	.2	.1								2.7	3.8
NNE	.3	.2	.1	.1								.8	5.3
NE	.9	.2	.1	.4		.1						1.7	6.6
ENE	.4	.9	.4	.2								1.8	6.4
E	1.5	1.8	.6	.8	.1							4.8	5.9
ESE	1.2	1.1	.8	.2								3.2	5.0
SE	1.5	2.8	.8	.4	.1							5.6	5.6
SSE	2.2	5.5	2.3	.5								10.4	5.6
S	4.0	6.8	4.1	.8								15.6	5.4
SSW	2.3	4.2	1.5									8.0	4.8
SW	2.7	3.1	1.6	.3								7.8	4.9
WSW	2.4	3.9	2.2	.2								8.6	5.1
W	2.9	4.5	2.4	.2								10.0	5.1
WNW	.8	2.7	1.4	.2								5.1	5.9
NW	1.2	2.5	1.2	.3								5.2	5.5
NNW	.5	1.1	.2									1.8	4.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	////////
TOTALS	26.2	42.6	19.8	4.8	.2	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	1.8	1.1	.6	.4								4.0	5.1
NNF	.6	.9	.8	.4								2.7	6.8
NF	.4	1.0	.6	.9	.2	.1	.1					3.3	9.5
FNE	.6	1.0	1.4	1.6	.3	.1						5.1	9.3
E	2.4	1.4	1.5	1.0	.1							6.4	6.2
FSE	1.0	2.0	1.2	.5	.2							5.0	6.7
SF	1.0	3.2	3.7	1.2	.4							9.5	7.7
SSE	1.8	5.3	3.4	.6	.2							9.5	6.6
S	2.3	6.7	4.5	1.1	.1							14.6	6.2
SSW	1.2	1.7	2.6									5.5	6.0
SW	2.7	2.4	.8	.3								6.1	4.4
WSW	1.4	2.7	1.8	.5								6.5	5.9
W	1.4	3.4	2.8	.5	.1							8.3	6.3
WNW	1.2	1.6	.6	.1								3.6	5.1
NW	.8	1.3	.5									2.6	5.0
NNW	.9	1.1	.3	.1	.1							2.5	5.3
VARIABLE													
CALM	////////////////////											5.1	////
TOTAL	21.4	34.8	27.2	7.4	1.8	.7	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	1.5	.9	.8	.2	.2						5.2	7.4
NNE	.5	1.1	.3	.2								2.2	5.8
NE	1.6	1.9	1.1		.1							4.7	5.2
ENE	1.6	1.3	1.4	.2								4.5	5.4
E	1.6	1.5	1.1	.1								4.3	4.9
ESE	2.2	1.4	.8	.2								4.5	4.5
SE	2.4	2.6	2.3	1.1								8.3	5.9
SSE	4.3	5.6	5.0	1.3	.1							16.3	5.9
S	1.6	4.9	3.5	2.0	.3							12.3	7.4
SSW	1.6	2.8	1.4	.3								6.1	5.3
SW	1.6	2.2	.2	.1		.1						4.2	4.6
WSW	1.9	1.2	.5	.3								4.0	4.7
W	1.7	1.0	1.0	.5								4.2	5.4
WNW	.9	1.0	.2	.3								2.4	5.2
NW	.5	.8	.4	.2	.1							2.2	6.5
NNW	.8	1.1	.5	.2								2.8	5.9
VARIABLE													
CALM	////////////////////											11.8	////
TOTALS	26.6	31.7	20.7	8.0	.9	.7						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.2	2.9	1.4	.8	.3							8.6	5.6
NNE	1.6	.6	.2	.3								2.8	4.7
NE	2.0	1.0	.6	.4	.1							4.2	5.1
ENE	3.2	1.5		.4								5.2	3.8
E	3.9	1.6	.4	.1								6.0	3.4
ESE	1.7	1.9	.3									4.0	3.8
SE	4.5	4.7	2.2	.5								12.0	4.8
SSE	2.2	5.9	4.6	1.3	.1							14.1	6.6
S	2.3	2.7	2.5	1.3								8.7	6.4
SSW	1.0	1.2	.9	.4								3.3	5.7
SW	.5	.3	.4	.3								1.6	6.6
WSW	.6	.8	.3	.1								1.8	4.9
W	.9	.9	.5	.1								2.4	5.1
WNW	1.3	1.6	.2									3.1	3.8
NW	1.0	2.2	.3									3.5	4.2
NNW	1.6	1.4	.5	.3								3.9	4.9
VARIABLE													
CALC	////////////////////											14.7	////
TOTALS	31.6	31.3	15.4	6.5	.5							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747325 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	3.5	1.9	1.0	.4	.1	.0					6.8	4.6
NNE	1.9	1.0	.3	.2							3.3	4.1
NE	2.0	1.0	.3	.2	.1	.0	.0				3.7	4.5
ENE	1.9	1.0	.5	.3	.0	.0					3.8	4.8
E	2.8	1.3	.5	.2	.0						4.9	4.0
ESE	1.7	1.3	.5	.1	.0						3.6	4.3
SE	2.1	2.7	1.5	.5	.1						7.0	5.6
SSE	2.7	4.4	2.8	.6	.1						10.6	5.6
S	2.7	4.6	2.9	.8	.1						11.0	5.8
SSW	1.7	1.9	1.0	.1							4.7	4.8
SW	1.9	1.5	.5	.1		.0					4.1	4.3
WSW	1.7	1.5	.7	.1							4.1	4.5
W	2.0	2.1	1.0	.2	.0						5.2	4.8
WNW	1.5	1.6	.6	.1							3.9	4.7
NW	1.4	1.5	.7	.1	.0						3.7	4.8
NNW	1.4	1.3	.6	.2	.0						3.5	4.6
VARIABLE												
CALC	////////////////////											16.3
TOTAL	32.8	30.7	15.2	4.4	.4	.1	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.9	2.7	.4	.3	.2						7.9	4.0
NNF	3.7	1.7	.1	.1							5.6	3.1
NE	3.8	1.7		.2							5.7	3.1
NNE	2.6	1.3									3.9	2.9
E	4.2	1.3	.1								5.7	2.7
ESE	1.3	1.0	.1								2.4	3.5
SE	3.4	4.4	.9	.3	.2						9.3	4.7
SSE	5.1	4.0	2.2	.6							11.9	4.7
S	2.7	4.2	3.3								10.2	5.2
SSW	.6	1.6	.6								2.7	4.8
SW	.6	.1	.2	.1							1.0	5.2
WSW	1.7	.4									1.4	2.8
W	.8	1.0	.3								2.1	4.2
WNW	1.0	.6	.4								2.0	4.0
NW	1.7	1.6	.3								3.6	3.7
NNW	2.4	1.0	.3	.1							4.2	3.5
VARIABLE												
CALC	////////////////////										20.4	////
TOTAL	40.0	27.7	9.4	1.8	.4						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	7.4	1.6	.6	.1	.1							9.8	3.2
NNE	5.0	1.2										6.2	2.6
NE	7.1	1.1										8.2	2.4
NNE	4.3	1.2										5.6	2.4
E	5.1	.8	.2									6.1	2.6
ESE	2.0	1.0										3.0	3.0
SE	2.7	2.9	.7									6.2	4.0
SE	3.9	2.8	.8	.2								7.7	4.1
S	1.3	2.6	1.1									5.0	4.8
SSW	.8	.6	.3									1.7	4.7
SW	.4	.3	.3									1.1	4.5
WSW	.6	.4										1.0	3.1
W	1.8	.9	.1		.1							2.9	3.9
WNW	1.0	.6	.1									1.7	3.1
NW	1.7	1.0	.3		.1							3.1	4.1
NNW	2.8	.8			.1							3.7	3.2
VARIABLE													
CALM	////////////////////											27.1	////
TOTALS	47.9	19.7	4.6	.3	.4							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.2	1.9	.4									8.6	3.0
NNE	3.2	.4										3.7	2.2
NE	3.9	1.2										5.1	2.5
ENE	2.0	.3										2.3	2.3
E	2.6	.9										3.4	2.5
ESE	1.4	.7										2.1	2.9
SE	2.1	2.3	.6									5.0	3.9
SSE	2.7	3.1	2.4	.2								8.4	5.2
S	2.3	1.9	.9									5.1	4.2
SSW	1.1	.8	.1									2.0	3.8
SW	1.0	.3	.2									1.6	3.4
WSW	.9	.2	.4									1.6	4.1
W	1.7	.8										2.4	3.1
WNW	2.0	1.1	.1									3.2	3.3
NW	2.9	2.0	.3									5.2	3.2
NNW	2.9	1.6	.1									4.6	3.2
VARIABLE													
CALM	////////////////////////////////////											35.7	////
TOTALS	38.6	19.6	5.7	.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	2.0	.6									4.6	4.3
NNE	.6	.3										.9	2.8
NE	.1											.1	2.0
NNE	.6											.6	2.0
E	.7											.7	2.0
ESE	1.0	.7										1.7	2.6
SE	1.4	1.3	1.1									3.9	4.7
SSE	2.2	3.1	2.1	.4								7.9	5.5
S	6.3	7.6	3.0	.9	.1							17.9	4.8
SSW	4.3	3.3	.9									8.6	3.7
SW	3.8	2.6	.6	.2	.1							7.2	4.1
WSW	2.7	1.9	.6	.3								5.4	4.4
W	3.9	2.9	.7	.1								7.4	3.8
WNW	2.6	2.6	.8	.1								6.0	4.2
NW	2.7	1.4	.3									4.4	3.4
NNW	2.0	2.7	.6									5.2	4.2
VARIA LE													
CALM	////////////////////											17.6	////
TOTAL	36.4	32.7	11.2	2.1	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	.8	.8	.3								3.6	5.0
NNE	.2	.6	.2	.1								1.1	6.1
NF	.4	.2										.7	2.7
FNE	.8	.3	.2	.1								1.4	4.5
E	.3	.6		.1		.1						1.1	6.7
ESF	1.1	.9	.2	.1								2.3	4.2
SF	2.1	1.8	.9	.2								5.0	4.8
SSE	2.9	3.6	1.9	.6								8.9	5.3
S	3.3	6.4	4.8	.9	.1							15.6	6.0
SSW	2.8	4.3	2.1	.1		.3						9.7	5.6
SW	2.2	4.4	1.8	.3								8.8	5.2
WSW	2.0	5.1	1.9	.3	.1							9.4	5.4
W	2.7	6.2	2.2	.3	.2							11.7	5.3
WNW	2.1	2.3	1.2									5.7	4.6
WW	1.6	3.1	.9	.1								5.7	4.7
NNW	.7	1.1	.4									2.2	4.5
VARIABLE													
CALM	////////////////////											7.2	////
TOTALS	26.9	41.0	19.6	3.7	.4	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747325 STATION NAME: HULLOHAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	1.4	.8	.4	.1							4.3	5.6
NNE	.4	.4	.2	.2								1.3	6.4
NE	.1	.4	.7	.6								1.8	9.0
ENE	.8	1.1	.6	.4	.1							3.0	6.6
E	1.3	.8	.6	.8								3.4	6.3
ESE	1.2	.9	.4	.1								2.7	4.5
SF	1.4	2.8	1.0	.3								5.6	5.3
SSE	1.6	5.9	4.0	.8								12.2	6.2
S	3.0	4.9	3.6	2.3	.1							13.9	6.7
SSW	1.8	3.7	2.6	.6	.1	.2						8.9	6.5
SW	2.0	2.9	2.3	.7								7.9	5.9
WSW	1.9	2.2	1.2	1.1								6.6	6.2
W	2.3	4.7	2.3	.7		.1						10.1	5.8
WNW	1.3	1.7	.9	.3								4.2	5.6
NW	1.9	1.9	1.2	.1								5.0	5.2
NNW	1.2	1.1	.3	.1								2.8	4.4
VARIABLE													
CALM	////////////////////											6.3	////
TOTAL	23.9	36.7	22.8	9.6	.4	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	.9	1.0	.3		.1					3.1	7.0
NNE	.9	.9	.3	.1							2.2	4.8
NE	.7	1.2	.1								2.0	3.8
ENE	2.4	1.8	.1								4.3	3.5
E	3.6	1.7	.6								5.8	3.2
ESE	1.7	1.3	.6	.2							3.8	4.5
SE	2.3	3.4	2.0	.7							8.4	5.6
SSE	3.6	5.9	4.0	.8							14.2	5.7
S	3.0	5.2	3.9	1.7							13.8	6.3
SSW	1.9	1.6	.7	.3							4.4	4.8
SW	2.1	2.3	.7	.1							5.2	4.3
WSW	1.7	1.4	1.1	.2							4.4	5.1
W	2.1	1.7	.6	.1							3.8	3.9
WNW	.8	.9	.2								1.9	3.8
NW	1.3	1.7	.4	.3	.1						3.2	5.5
NNW	.9	1.3	.7	.4							3.0	5.7
VARIABLE												
CALC	////////////////////										16.3	////
TOTALS	29.7	51.9	16.6	5.3	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747329 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (OF REF)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	1.7	.1	.4							4.3	4.4
NNE	.9	.3	.1	.1							1.4	4.1
NE	2.0	1.3	.1								3.4	3.2
ENE	3.3	.6	.1	.1							4.1	3.1
E	4.0	.9	.2	.1							5.2	3.0
ESE	2.1	1.6	.6								4.2	3.9
SE	3.4	4.3	1.6	.6	.1						10.0	5.2
SSE	2.8	7.9	2.8	1.3							14.8	5.7
S	3.6	5.2	4.3	.7							13.8	5.8
SSW	.8	1.4	.4	.3							3.0	5.7
SW	.9	1.3	.6								2.8	4.6
WSW	1.4	1.1	.2								2.8	3.7
W	1.7	1.4	.1		.1						3.3	3.8
WNW	.9	.4	.1	.1	.1						1.7	4.7
WW	1.1	1.8	.6								3.7	5.0
NNW	1.4	.9	.7	.2		.1					3.3	5.2
VARIABLE												
CALC	////////////////////											18.1
TOTAL	32.4	32.7	12.8	4.0	.3	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 1900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747329 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.3	1.5	.6	.2	.1	.0					5.8	4.1
NNE	1.9	.7	.1	.1							2.8	3.4
NE	2.3	.9	.1	.1							3.4	3.2
ENE	2.1	.8	.1	.1	.0						3.2	3.4
E	2.7	.9	.2	.1		.0					3.9	3.3
ESE	1.5	1.0	.2	.1							2.8	3.7
SE	2.4	2.9	1.1	.3	.0						6.7	4.9
SSE	3.1	4.5	2.5	.6							10.7	5.4
S	3.2	4.7	3.1	.8	.0						11.9	5.6
SSW	1.7	2.2	1.0	.2	.0	.1					5.1	5.1
SW	1.6	1.4	.8	.2	.0						4.4	4.9
WSW	1.5	1.6	.7	.2	.0						4.1	5.0
W	2.1	2.4	.8	.2	.1	.0					5.5	4.7
WNW	1.5	1.3	.5	.1	.0						3.3	4.3
NW	1.8	1.7	.6	.1	.0						4.2	4.3
NNW	1.8	1.3	.3	.1	.0	.0					3.6	4.1
VARIABLE												
CALM	////////////////////										18.6	////
TOTALS	34.5	30.2	12.8	3.4	.3	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 7100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.2	2.3	1.2	.4	.1							9.1	4.3
NNF	4.1	2.3	.5									6.9	3.5
NE	3.8	1.6	.2									5.6	2.9
EVE	5.5	1.5		.1								7.1	2.7
E	1.8	1.3	.1									3.2	3.2
ESF	2.4	.8										3.1	3.0
SE	4.5	3.7	1.1									9.2	3.7
SSE	3.8	4.8	1.5									10.1	4.3
S	1.7	2.8	.9	.2								5.6	4.9
SSW	1.7	.5	.4	.1								2.0	4.4
SW	.6	.4	.2									1.3	4.0
WSW	.5	.4	.1									1.1	3.1
W	.6	.1	.5		.1							1.4	6.1
WNW	.6	1.1	.1									1.8	4.0
WN	1.3	1.1	.1									2.5	3.8
NNW	1.6	.9		.2	.1							2.8	4.4
VARIABLE													
CALM	////////////////////											21.1	////
TOTALS	39.0	25.5	7.6	1.1	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	7.2	3.0	.6	.2	.1							11.2	3.5
NNE	8.0	2.4	.1									10.4	2.7
NE	4.5	3.0	.1	.1								7.7	3.2
NNE	4.2	1.1		.1								5.4	2.5
E	4.1	1.8	.1									6.0	2.8
ESE	2.2	1.1										3.2	2.8
SE	2.8	3.4	1.0		.2							7.4	4.7
SSE	2.9	4.1	1.3	.2								8.5	4.5
S	1.8	1.3	.4									3.5	3.8
SSW	.4	.5	.2	.1								1.3	5.3
SW	.6	.5	.1									1.3	3.4
WSW	.2	.2										.4	3.0
W	.5	.5	.1									1.3	3.5
WNW	.8	.2	.1	.1								1.2	3.7
NW	1.3	.9										2.2	3.1
NNW	1.5	.4		.1	.1							2.2	4.0
VARIABLE													
CALC	////////////////////											26.8	////
TOTALS	43.1	24.5	4.7	1.0	.4							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	3.9	2.6	.8	.4								7.6	4.1
NNE	4.7	.8	.1									5.6	2.6
NE	3.3	1.6										4.9	2.7
ENE	3.4	1.0										4.4	2.4
E	2.7	.8	.2									3.7	2.9
ESE	2.0	1.2	.1									3.3	3.1
SE	3.1	2.4	1.3									6.8	4.3
SSE	3.5	3.5	.6	.1								7.8	4.2
S	3.1	1.8	.5	.2								5.7	4.1
SSW	1.1	.2	.5	.2								2.0	5.1
SW	1.3		.2	.1	.1							1.7	4.2
WSW	.4	.2	.1									.8	3.4
W	1.1	.5	.1									1.7	3.3
WNW	1.2	.9										1.9	2.9
NW	.8	.5										1.3	3.0
NNW	1.7	1.2	.4	.2								3.5	4.3
VARIABLE													
CALM	////////////////////											31.1	////
TOTALS	37.4	14.0	5.1	1.3	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	.9	.8	1.7	.3						4.5	8.9
NNE	.2	.4	.3								1.0	5.3
NF	.2										.2	2.5
NNE	.5	.2									.8	2.3
E	1.4	.1									1.5	2.4
ESE	.3	.2	.2	.2							1.0	5.8
SE	1.9	1.3	1.0	.5							4.7	5.2
SSE	3.5	4.2	2.8	.3							10.9	5.2
S	8.9	6.2	3.3	1.2							21.6	4.8
SSW	3.4	2.5	1.6	.4							8.0	4.7
SW	3.3	.9	.6	.4		.1					5.4	4.6
WSW	2.6	1.7	.4	.3	.1						4.4	4.3
W	3.0	1.7	.8	.1	.1						5.7	4.2
WNW	2.9	2.0	.2	.1							5.3	3.5
NW	1.6	1.7	.8	.1							4.2	4.4
NNW	1.1	.9	.5	.9							3.3	6.6
VARIABLE												
CALM	////////////////////										17.6	////
TOTAL	35.9	24.1	13.3	6.3	.5	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
V	1.7	1.5	.8	.5								4.0	5.7
NNE	.2	.3	.4	.1								1.1	6.6
NE	.1	.3	.1									.5	5.4
ENE	.4	.1	.2									.8	4.0
E	.4	.5	.2									1.2	3.9
ESE	1.0	.4		.1								1.5	3.5
SE	1.3	1.3	.6	.6								3.9	5.9
SSE	1.4	4.6	2.2	.9								9.0	6.1
S	5.3	7.2	4.7	1.9	.2							19.4	6.0
SSW	2.6	4.7	1.8	1.1	.1							10.3	6.1
SW	2.8	3.3	2.4	.9	.1							9.5	5.7
WSW	2.4	2.4	1.7	.4	.1							7.0	5.3
W	2.7	3.8	2.9	.2								9.6	5.3
WNW	1.5	1.5	.6									3.7	4.1
NW	1.7	2.2	1.3	.4								5.6	5.5
NNW	1.7	1.2	1.2	.5								4.6	5.7
VARIANCE													
CALM	////////////////////											8.5	////
TOTALS	26.7	33.4	11.7	7.7	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: Y6-85
MONTH: OCT HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	.5	1.2	.1	.2						3.7	6.1
NNE	.1	.3	.2								.6	5.3
NE	.4	.4									.9	3.5
ENE	.4		.2								.6	4.0
E	.5	.3	.2	.2							1.3	5.5
ESE	1.0	.4	.1								1.5	3.4
SF	1.9	2.4	.6	.2	.2						5.5	5.2
SSE	3.3	4.8	2.4	.9	.1						11.5	5.5
S	3.4	5.6	4.9	3.0							17.0	6.8
SSW	2.5	2.2	2.5	1.2	.2						8.5	6.6
SW	3.0	3.0	2.0	1.0	.3						9.4	6.2
WSW	1.9	3.0	1.7	1.1	.3						8.1	6.7
W	3.0	2.3	1.3	.2	.1						6.9	4.6
WNW	2.3	1.8	.6	.2							4.9	4.6
NW	1.9	1.6	.4	.1							4.1	4.2
NNW	1.1	1.2	.6	.2							3.1	5.3
VARIABLE												
CALM	////////////////////										12.5	////
TOTALS	28.5	29.9	19.2	4.4	1.5						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	2.6	.9	.4	.4	.1							4.4	4.9
NNE	1.7	1.4	.2									3.3	3.4
NE	2.8	1.4			.3							4.5	4.0
ENE	2.6	1.9										4.5	3.0
E	5.2	2.8	.1									8.1	3.0
ESE	3.1	1.6										4.7	3.1
SE	4.8	4.9	.6									10.4	3.7
SSE	4.0	6.9	3.5	.2								14.6	5.1
S	3.0	4.2	2.7	.5								10.4	5.4
SSW	1.5	1.7	1.2	.5								4.9	5.8
SW	1.7	1.0	.1	.5								3.3	4.8
WSW	.5	1.2	.2	.4								2.4	5.7
W	1.4	.6	.3		.1							2.4	4.5
WNW	.9	.3	.1									1.3	3.3
NW	.5	.3										.9	3.1
NNW	.9	.9	.6	.2								2.6	6.0
VARIABLE													
CALM	////////////////////											17.2	////
TOTALS	37.2	31.9	10.2	2.9	.5							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.8	1.6	1.2	.4								6.0	4.9
NNE	1.6	.9	.2	.1								2.7	3.8
NE	2.9	1.2	.1	.1	.1							4.4	3.6
ENE	5.1	1.8	.2									7.1	2.6
E	6.3	2.8	.4									9.6	3.0
ESE	3.5	1.8	.1									5.5	3.0
SE	4.8	4.9	1.2									11.0	3.8
SSE	6.0	5.5	1.4	.2								13.1	4.2
S	1.7	3.7	1.8	.4								7.6	5.6
SSW	.5	.9	.9	.2								2.5	6.3
SW	.8	.8	.2									1.7	4.1
WSW	.6	.3	.2	.1								1.3	4.5
W	1.0	.4	.1	.3								1.8	4.9
WNW	1.1	.6	.2									1.9	3.8
NW	1.2	.2	.3	.1								1.8	4.1
NNW	.8	.8	.3	.2								2.0	5.1
VARIABLE													
CPL	////////////////////											19.9	////
TOTALS	47.8	28.1	8.9	2.3	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	1.7	.9	.5	.1						6.3	4.9
NNE	2.6	1.1	.3	.0							4.0	3.3
NE	2.3	1.2	.1	.0	.1						3.6	3.3
ENE	2.8	1.0	.1	.0							3.8	2.7
E	2.8	1.3	.2	.0							4.3	3.1
ESE	1.9	.9	.1	.0							3.0	3.2
SE	3.2	3.7	.9	.2	.1						7.4	4.3
SSE	3.6	4.8	2.0	.3	.0						10.7	4.9
S	3.6	4.3	2.4	.9	.0						11.4	5.5
SSW	1.6	1.7	1.1	.5	.0						4.9	5.7
SW	1.8	1.2	.7	.4	.1	.0					4.2	5.3
WSW	1.2	1.1	.6	.3	.1						3.2	5.4
W	1.7	1.2	.8	.1	.1						3.8	4.7
WNW	1.8	1.0	.3	.1							2.8	3.8
NW	1.3	1.1	.4	.1							2.8	4.3
NNW	1.3	.9	.5	.3	.0						3.0	5.2
VARIABLE												
CALM	////////////////////////////////////										20.8	////
TOTALS	36.1	27.6	11.1	3.9	.5	.0					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 7442

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR FATHER SERVICE/HAC

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	7.6	4.9	.8	.1		.1					13.4	3.7
NNE	3.6	1.9		.2	.1						5.7	3.8
NE	4.3	2.1									6.4	2.8
ENE	4.0	1.8									5.8	3.0
E	4.1	2.3									6.4	3.0
ESE	2.7	1.2	.1								4.0	3.1
SE	3.6	3.9	1.3	.2							8.9	4.4
SSE	3.0	3.3	.9	.1							7.3	4.4
S	.8	2.3	1.0	.3							4.4	5.8
SSW	.4	.8	1.0	.1							2.3	6.4
SW	.8	.1	.8	.6							2.2	7.1
WSW	.7	.3	.6	.2							1.8	6.1
W	.7	.9	.6								2.0	5.0
WNW	1.1	.6		.1							1.8	3.5
NW	.9	1.0	.3	.1							2.2	4.4
NNW	1.9	.8	.2	.1							3.0	3.7
VARIABLE												
CALM	////////////////////										22.2	////
TOTALS	39.9	27.9	7.6	2.2	.1	.1					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (UFGP/FS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.4	5.4	.6	.7								12.1	4.1
NNE	4.7	3.0										7.7	3.1
NE	5.1	1.7	.1									6.9	2.8
NNE	5.2	1.7		.1								7.0	2.8
E	3.9	1.4	.1									5.4	2.7
ENE	2.4	1.1	.6									4.1	3.5
SE	1.9	2.6	1.0	.1								5.6	4.7
SE	2.3	3.4	1.3	.3								7.4	5.0
S	1.3	2.3	1.2	.2								4.8	5.4
SSW	.4	.1	.4	.1								1.1	5.8
SV	.3	.3	.1									.8	3.9
WSW	.6	.7	.1	.1								1.4	4.5
W	1.0	.4	.2									1.7	3.5
WNW	.3	.2	.1									.7	4.0
NW	1.1	1.7										2.8	3.6
NNW	2.0	.9	.4	.2	.1							4.6	4.0
VARIABLE													
CALM	////////////////////											26.0	////
TOTALS	39.7	27.0	6.7	1.9	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 900

AL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FETAC FROM HOURLY OBSERVATIONS
 FATHER SERVICE/MAC

TION NUMBER: 747320 STATION NAME: HOLLOWMAN AFB NM PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(IST): 0600-0800

DIRECTION (UFOREFS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.2	2.4	1.1	.6								9.3	4.4
NNE	3.3	1.1	.4									4.9	3.1
NE	4.1	1.0	.1									5.2	2.5
NNE	3.4	1.1										4.6	2.6
E	5.3	1.7	.2									7.2	2.7
ESE	3.3	2.3	.4									6.1	3.3
SE	3.0	2.9	1.2	.3								7.4	4.7
SSE	2.7	3.7	1.2									7.6	4.4
S	1.7	1.4	.8	.7								4.6	5.8
SSW	.7	.6	.1	.1								1.4	4.5
SW	1.0	.6	.1									1.7	3.4
WSW	.7	.1	.1	.2								1.1	5.3
W	1.0	.6	.1									1.7	3.2
WNW	.9	.2	.1									1.2	3.5
NW	.9	.6										1.4	2.8
NNW	1.6	.6	.6	.3								3.0	4.7
VARIABLE													
CALC	////////////////////											51.6	////
TOTAL	37.8	21.8	6.7	2.2								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	1.9	1.4	2.4	1.3	.2						7.3	7.4
NNE	.6	.4	.3								1.3	4.1
NE	.6			.2							.8	4.9
NNE	.4	.1									.6	1.6
E	1.0	.4									1.4	2.7
ESE	2.0	.3	.1								2.4	2.6
SE	1.3	1.8	1.3	.2							4.7	5.5
SE	3.9	3.9	4.2	1.4	.2						13.7	6.2
S	7.1	8.4	3.4	1.9	.1						21.0	5.1
SSW	2.0	1.7	1.0	.3	.1						5.1	5.3
SW	1.8	1.4	.9	.4							4.6	5.2
WSW	1.8	.3	.6	.3	.1						3.1	5.1
W	2.1	1.7	.6	.2							4.6	4.3
WNW	1.2	1.1	.3	.1							2.8	4.2
W	1.4	.7	.2	.1							2.4	3.8
NNW	.8	1.2	1.7	.7	.1						4.4	7.7
VARIABLE												
CALM	////////////////////										19.8	////
TOTALS	29.9	25.0	17.1	7.3	.9						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747325 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.9	1.7	.7	.1							4.8	7.3
NNE	.6	.2		.1								.9	4.0
NE	.2	.2	.3	.1								.9	6.6
NNE	.2	.1										.3	3.0
E	.8		.1									.9	2.5
ENE	.7	.9										1.6	3.4
SE	1.0	1.2	.4	.1								2.8	4.8
SSE	2.7	3.8	2.0	.9								9.3	5.5
S	3.2	7.0	3.3	2.6	.3	.3						16.8	6.9
SSW	2.7	3.8	2.8	1.0	.1	.1						10.4	6.2
SW	2.7	1.7	1.9	2.1	.8	.1						9.2	8.1
WSW	1.4	1.4	1.0	.7	.1	.1						4.8	6.7
W	3.3	2.9	1.2	.3								7.8	4.4
WNW	1.2	1.9	1.9	.1	.2							5.3	6.5
NW	1.9	2.0	1.6	.2	.1							5.8	5.8
NNW	1.3	1.8	2.1	.7	.2							6.1	7.0
VARIABLE													
CALM	////////////////////											12.3	////
TOTALS	24.2	36.8	20.3	9.6	2.0	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	2.3	2.2	1.3	.3	.1							6.3	5.2
NNE	.6	.2	.1	.3								1.2	6.4
NE	.6	.3	.2									1.1	4.2
ENE	.4	.4										.9	3.3
E	.4		.1									.6	3.0
ESE	1.2	.6										1.8	2.8
SE	2.4	1.7	.4	.2								4.8	4.1
SSE	3.0	3.0	2.1	.3								8.4	5.1
S	4.1	4.6	4.1	1.8	.2							14.8	6.3
SSW	1.7	2.1	1.8	1.2			.1					6.9	7.1
SW	3.2	1.7	1.7	1.1	.2							7.9	6.1
WSW	1.9	1.7	.8	.9	.7							5.9	7.4
W	4.1	2.6	.9	.2	.2							7.9	4.4
WNW	2.6	1.4	.8	.2	.1							5.1	4.5
NW	2.1	2.6	.7	.3	.1							5.8	5.0
NNW	1.8	1.4	1.0	.7	.1							5.0	6.2
VARIABLE													
CALM	////////////////////											15.7	////
TOTALS	32.4	26.4	15.5	7.7	1.8		.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	3.2	1.0	.2								7.0	4.5
NNF	2.6	2.3	.1									5.0	3.4
NE	3.7	2.8	.2									6.7	3.4
ENE	5.6	2.7										8.2	3.0
E	5.8	2.6	.2									8.6	3.2
ESE	2.6	2.4	.2									5.2	3.5
SE	2.3	3.2	1.1	.1								6.8	4.7
SSE	2.3	3.9	1.7									7.9	4.7
S	2.1	2.8	1.7	.8								7.3	5.7
SSW	.8	1.1	.9	.7	.2	.1						3.8	8.1
SW	.9	1.6	.7	.3		.1						3.6	6.0
WSW	.7	.7	.6	.3	.1							2.3	6.8
W	1.4	1.4	.3	.2								3.4	4.5
WNW	.8	.6	.1									1.4	3.4
NW	1.6	.4	.1									2.1	2.8
NNW	1.1	1.2	.6	.1								3.0	4.8
VARIABLE													
CALM	////////////////////											17.7	////
TOTALS	36.7	32.9	9.4	2.8	.3	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.3	3.7	1.0	.3	.1							8.4	4.8
NNE	3.6	2.6	.4									6.6	3.6
NE	4.3	2.1										6.4	2.9
ENE	5.4	2.1	.1									7.7	2.8
E	4.8	2.0										6.8	2.8
ESE	2.7	2.2		.2								5.1	3.7
SE	3.4	4.9	.9									9.2	4.2
SSE	2.2	4.3	1.2	.2								8.0	4.7
S	1.7	2.3	1.7	.4								6.1	5.6
SSW	.7	1.0	.6	.6	.1							2.9	7.2
SW	.4	.6	.3	.2								1.6	6.0
WSW	.8	.8	.4	.3	.1							2.4	6.5
W	1.3	.8	.2	.3								2.7	4.6
WNW	.2	.8	.3									1.3	5.0
NW	1.1	.4	.1									1.7	3.0
NNW	1.8	1.2	.3									3.3	3.7
VARIABLE													
CALM	////////////////////											19.8	////
TOTALS	37.8	31.8	7.7	2.7	.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	3.5	3.3	1.2	.5	.1	.0		8.6	4.8
NNE	2.4	1.5	.2	.1	.0			4.2	3.5
NE	2.9	1.3	.1	.0				4.3	3.1
ENE	3.1	1.2	.0	.0				4.4	2.8
E	3.3	1.3	.1					4.7	2.9
ESE	2.2	1.4	.2	.0				3.8	3.3
SE	2.4	2.7	1.0	.2				6.3	4.6
SSE	2.8	3.7	1.8	.4	.0			8.7	5.1
S	2.7	3.9	2.2	1.1	.1	.0		10.0	5.9
SSW	1.2	1.4	1.1	.5	.1	.0	.0	4.2	6.5
SW	1.4	1.0	.8	.6	.1	.0		3.9	6.4
WSW	1.1	.7	.5	.4	.1	.0		2.9	6.4
W	1.9	1.4	.5	.2	.0			4.0	4.4
WNW	1.0	.8	.5	.1	.0			2.5	4.8
NW	1.4	1.2	.4	.1	.0			3.0	4.4
NNW	1.6	1.1	.9	.3	.1			4.1	5.5
VARIABLE									
CALM	////////////////////							20.6	////
TOTALS	34.7	27.9	11.4	4.5	.7	.1	.0	100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	6.9	4.2	1.4	.2								12.7	3.8
NNE	5.6	1.7	.1	.1								7.5	3.0
NE	4.5	1.5		.1								6.1	2.8
NNE	4.9	1.6		.1								6.6	2.8
E	5.0	2.2										7.1	2.8
ESE	1.7	1.0	.4									3.1	3.7
SE	3.4	2.6	1.8	.1								8.0	4.6
SSE	2.5	2.9	1.7	.4	.2							7.8	5.6
S	.8	1.3	.3	.3								2.7	5.2
SSW	.5	.3	.2	.2								1.3	5.4
SW	1.1	.4	.3	.1								1.9	4.3
WSW	.5	.3	.2									1.1	3.9
W	1.3	.5	.3	.1								2.3	4.2
WNW	1.0	.4										1.4	2.8
NW	1.6	1.4	.1									3.1	3.2
NNW	1.4	1.5	.3	.1								3.8	3.9
VARIABLE													
CALM	////////////////////											23.6	////
TOTALS	43.1	23.9	7.3	1.9	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.9	4.9	1.0	.1							11.8	3.7
NNE	3.0	1.6									4.6	2.9
NE	5.2	1.7		.2							7.1	2.8
ENE	4.5	1.6		.1							6.2	3.0
E	5.3	1.6									6.9	2.5
ESE	2.8	.8	.5								4.1	3.3
SF	1.8	2.0	.5	1.0							6.3	5.5
SSF	2.0	1.5	1.1	.8							5.4	5.6
S	1.5	1.5	.3	.3							3.7	4.7
SSW	1.1	.3	.1								1.5	2.9
SW	.2	.6	.3	.2	.1						1.5	7.3
WSW	.5	.4	.1	.2							1.3	5.1
W	1.1	.3	.4	.3				.1			2.3	6.8
WNW	.8										.8	1.9
NW	1.1	1.0	.4	.1							2.6	4.8
NNW	2.8	1.8	.2								4.8	3.2

VARIABLE											
CALC	//////////////////// 29.1										
TOTAL	39.5	22.8	5.1	1.3	.1			.1			100.0 2.7

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.6	4.2	1.4	.2								10.4	4.2
NNE	3.0	1.4	.1	.2								4.7	3.3
NE	4.8	1.4		.2								6.5	3.0
NNE	4.0	.4										4.4	2.2
E	5.9	.9	.2									7.0	2.6
ESE	2.7	1.6	.2									4.5	3.3
SE	3.0	2.2	1.1	.6								6.9	5.0
SSE	1.4	2.3	1.5	.2								5.4	5.6
S	1.3	.6	.5	.6								3.1	6.0
SSW	.8	.6	.5	.2	.2							2.4	6.7
SW	.3	.4	.2	.2								1.2	6.1
WSW	.8	.1	.2									1.1	3.4
W	1.7	.8	.2			.2	.1					2.3	7.0
WNW	1.4	.3										1.7	2.8
NW	1.3	.6	.2									2.2	3.3
NNW	2.3	1.2	.2									3.7	3.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	52.1	////////
TOTALS	38.5	18.0	6.7	2.6	.2	.7	.1					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	1.5	2.5	2.9	1.3	.2	.1						8.5	7.6
NNE	.2	.3		.1								.6	4.7
NE	.5	.1	.3									1.0	4.6
ENE	.6	.1	.2									1.0	3.8
E	1.8	.9										2.6	2.6
ESE	1.7	1.0	.4	.3								3.4	4.5
SE	3.4	2.0	1.5	.5								7.5	4.9
SSE	3.9	2.9	3.4	1.5	.2							11.8	6.9
S	7.4	3.7	1.9	.6								13.7	4.2
SSW	1.9	1.0	.8	.5	.1	.2						4.5	6.4
SW	.9	.6	.4	.2	.1							2.3	5.9
WSW	1.2	.3	.5	.3		.1						2.5	6.1
W	1.7	1.0	.2	.1	.1							3.1	4.3
WNW	2.0	.5	.2			.1						2.9	3.6
NW	1.7	.9	.6	.3		.1						3.8	5.3
NNW	2.0	1.5	1.4	1.6	.3	.1						7.0	7.7
VARIABLE													
CAL	////////////////////											23.9	////
TOTALS	32.7	19.0	15.1	7.5	1.1	.8						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATE/CLIMATE BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747325 STATION NAME: HOLLOMAN AFB NM PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	1.7	2.2	.9								6.3	6.6
NNE	.4	.1		.1								.6	4.8
NE		.1										.1	4.0
ENE	.1		.1									.2	5.5
E	.9	.3	.1	.1								1.3	3.5
ESE	.5	.8	.2									1.5	4.1
SE	1.9	.9	.9	.5	.1							4.2	5.5
SSE	3.8	2.5	1.7	.6	.1							8.7	5.2
S	5.3	6.3	3.2	1.4	.1							16.3	5.5
SSW	3.0	1.7	.9	.6	.3							6.6	5.3
SW	2.6	1.6	1.2	1.2		.2	.1					6.9	6.8
WSW	1.9	1.4	.6	.4	.1	.1						4.6	5.9
W	3.5	2.2	.6	.2								6.6	3.9
WNW	1.9	2.7	1.3			.1	.1					6.1	5.4
NW	1.8	2.9	1.1	1.1	.1		.1					7.1	6.4
NNW	1.4	1.6	2.4	1.2	.5							7.1	8.0
VARIABLE													
CALM	////////////////////											15.7	////
TOTALS	38.6	26.7	16.5	8.4	1.4	.4	.3					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 730

LOCAL CLIMATOLOGY BRANCH
SAFETYAC
IN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747220 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	1.7	1.1	.8								5.9	5.5
NNE	.4	.4	.2	.1								1.2	5.0
NE	.2											.2	2.0
NNE	.2	.2	.2									.6	5.2
E	.9	.5	.3									1.7	4.0
ESE	.6	1.3	.3	.1								2.4	4.9
SE	1.9	1.5	.6	.5	.1							4.6	5.3
SSE	2.8	2.7	1.1	.6								7.2	5.1
S	4.7	4.4	2.0	1.1								12.3	5.1
SSW	1.7	.5	.9	.4								3.5	5.4
SW	1.9	1.6	1.2	1.3	.2							6.2	7.1
WSW	2.9	1.2	.6	1.1	.5	.1						6.2	6.8
W	4.7	4.3	.4	.1		.1						9.7	4.0
WNW	4.4	3.7	.5			.1						8.7	3.8
NW	2.8	2.8	1.6	.2		.2						7.5	5.3
NNW	1.9	1.7	1.7	.5	.1							5.5	6.1
VARIABLE													
CALM	////////////////////											16.5	////
TOTAL	34.4	21.6	12.7	6.9	1.0	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AT/WEATHER SERVICE/MAC

STATION NUMBER: 747320 STATION NAME: HOLLOWAY AFB NM PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	8.1	4.0	2.0	.2								14.3	3.9
NNE	3.4	3.4	.2	.1								7.2	3.5
NE	4.2	4.0										8.2	3.3
NNE	4.2	3.0	.1									7.3	3.2
E	3.9	1.5	.1									5.5	2.9
ESE	2.7	1.4	.1	.1								4.3	3.5
SE	1.7	3.1	.6	.2								5.7	4.8
SSE	1.9	3.7	1.3	.2								7.1	4.8
S	1.8	1.9	1.2	.5								5.5	5.5
SSW	.8	.5	.4	.2								1.9	6.0
SW	.8	.6	.9	.5								2.8	6.7
WSW	.9	.4	.9	.2								2.4	6.1
W	.3	1.4	.3									2.0	5.1
WNW	1.2	.6	.2									2.0	3.7
WW	1.8	1.2	.7	.1	.2							3.5	4.9
NNW	2.5	1.8	.1	.1								4.5	3.5

VARIABLE													
CALC	////////////////////											15.7	////
TOTAL	40.1	32.7	8.7	2.6	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.6	5.4	1.5	.2							12.7	4.3
NNE	4.6	3.0	.2								7.8	3.3
NE	5.1	2.3	.3								7.6	3.1
ENE	4.3	2.6									6.9	3.0
E	4.0	2.9	.1								7.0	3.1
ESE	2.9	2.2	.1								5.2	3.2
SE	2.0	3.0	.9	.3							6.2	4.9
SSE	2.4	3.3	.9	.1							6.7	4.4
S	2.0	1.9	1.1	.5							5.6	5.1
SSW	1.0	.4	.5								1.9	4.2
SW	.2	.3	.2	.3							1.1	7.4
WSW	.6	.4	.1		.1						1.3	4.4
W	.6	.6		.3							1.6	5.3
WNW	1.1	.5	.2	.2	.1						2.2	5.3
NW	1.0	1.4									2.4	3.6
NNW	1.5	1.4	.4	.1							3.5	4.1
VARIABLE												
CALM	////////////////////										20.3	////
TOTAL	39.6	21.7	6.6	2.2	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.6	3.6	1.7	.5	.0	.0					10.3	4.7
NNE	2.6	1.5	.1	.1							4.3	3.3
NE	3.1	1.4	.1	.1							4.6	3.0
NNE	2.3	1.2	.1	.0							4.2	3.0
E	3.4	1.3	.1	.0							4.9	2.8
ESE	2.0	1.2	.3	.1							3.6	3.7
SE	2.4	2.3	1.0	.5	.0						6.2	5.0
SSE	2.6	2.7	1.6	.6	.1						7.5	5.4
S	3.1	2.7	1.3	.7	.0						7.9	5.1
SSW	1.3	.7	.5	.3	.1	.0					3.0	5.5
SW	1.0	.8	.6	.5	.1	.0	.0				3.0	6.6
WSW	1.2	.6	.4	.3	.1	.0					2.6	5.8
W	1.9	1.4	.3	.1	.0	.0	.0	.0			3.7	4.6
WNW	1.7	1.1	.2	.0	.0	.0	.0				3.2	4.1
W	1.6	1.5	.5	.2	.0	.0	.0				4.0	5.0
NNW	2.0	1.4	.8	.5	.1	.0					5.0	5.4
VARIABLE												
CALM	////////////////////										22.2	////
TOTAL:	37.2	26.5	5.7	4.4	.6	.2	.1	.0			109.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.2	2.6	1.3	.6	.1	.0	.0					7.8	5.1
NNE	2.0	1.2	.3	.1	.0							3.6	3.7
NE	2.0	1.1	.2	.1	.0	.0	.0					3.5	3.7
ENE	2.1	1.0	.2	.1	.0	.0						3.4	3.6
E	2.6	1.4	.3	.1	.0	.0						4.3	3.5
ESE	1.7	1.3	.3	.1	.0							3.3	4.0
SE	2.3	2.8	1.3	.4	.0	.0						6.7	5.1
SSE	2.6	4.0	2.5	.7	.0	.0						9.8	5.7
S	2.7	3.9	2.8	1.1	.1	.0						10.7	6.1
SSW	1.4	1.7	1.2	.6	.1	.0	.0					5.0	6.3
SW	1.4	1.5	1.1	.8	.2	.1	.0	.0				5.1	6.9
WSW	1.2	1.4	1.1	.8	.3	.1	.0	.0				5.0	7.7
W	1.6	1.9	1.6	.4	.1	.1	.0	.0				5.1	5.9
WNW	1.2	1.2	.6	.1	.0	.0	.0					3.1	4.9
NW	1.3	1.4	.7	.2	.0	.0	.0					3.6	5.1
NNW	1.4	1.4	.8	.3	.1	.0	.0					4.0	5.5
VARIABLE													
CALM	////////////////////											16.0	////
TOTALS	30.7	29.7	15.6	6.4	1.2	.3	.1	.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 87439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(IST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	2.2	1.0	.2	.3	.2					7.2	5.1
NNE	1.1	.8	.5		.1						2.5	4.6
NE	1.0	.3	.3		.1	.1	.1				1.8	6.7
ENE	1.0	.5	.5								1.9	4.2
E	1.1	.5	.1	.1							1.7	3.5
ESE	.7	.2	.4								1.3	4.3
SE	1.0	1.2	.5	.2							2.8	4.9
SSE	1.5	1.3	.9	.1	.1						3.8	5.4
S	3.0	2.7	1.2	.5							7.3	4.8
SSW	.9	1.0	.6	.2			.1				2.8	5.9
SW	3.1	1.9	.6	.5	.3	.4	.1	.1			7.0	6.7
WSW	2.0	1.7	1.2	1.3	2.0	2.6	1.0	.1			11.9	14.7
W	2.3	2.3	.5	1.2	1.2	1.4	.7	.2			9.8	12.2
WNW	2.7	1.7	.5	.4	.3	.2	.1				5.0	6.3
NW	1.6	2.5	.9	.2	.2	.2	.1				5.6	6.3
NNW	2.6	2.4	.2	.5		.2	.1				5.9	5.3
VARIABLE												
CALC	////////////////////										21.6	////
TOTAL	28.9	22.7	10.0	5.1	4.5	5.1	2.3	.4			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 1794

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
N 1800																
N 1500					91.0											92.6
N 1200																
N 1000																
N 900																
N 800																
N 700																
N 600																
N 500										97.4						98.1
N 400																
N 300																
N 200																
N 100																
N 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
N0 CEIL	71.3	71.9	72.2	72.3	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 20000	77.3	78.0	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	77.3	78.0	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 16000	77.4	78.1	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 14000	78.2	78.8	79.0	79.1	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 12000	81.1	81.8	82.0	82.2	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 10000	85.8	86.6	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 9000	85.8	86.6	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000	87.0	87.7	88.1	88.2	88.2	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 7000	87.1	87.8	88.2	88.3	88.3	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	88.2	88.9	89.2	89.4	89.4	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	90.2	91.1	91.4	91.5	91.5	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	91.0	91.8	92.2	92.3	92.3	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	91.4	92.3	92.6	92.8	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	91.8	92.7	93.0	93.2	93.2	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	92.3	93.2	93.5	93.6	93.6	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	93.0	94.1	94.4	94.6	94.6	94.7	94.8	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	93.3	94.6	94.9	95.2	95.2	95.3	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	93.5	94.9	95.3	95.5	95.5	95.6	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	93.7	95.1	95.5	95.7	95.7	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	93.7	95.1	95.5	95.7	95.8	95.9	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	93.7	95.1	95.5	95.7	95.8	96.0	96.3	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	93.7	95.1	95.5	95.7	95.8	96.0	96.3	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	93.7	95.1	95.6	95.8	95.9	96.1	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	93.7	95.1	95.6	95.8	95.9	96.1	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2
GE 600	93.8	95.2	95.7	96.0	96.1	96.3	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4
GE 500	93.8	95.3	95.8	96.1	96.2	96.7	97.0	97.4	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7
GE 400	94.0	95.4	95.9	96.2	96.6	97.0	97.3	97.7	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1
GE 300	94.0	95.4	96.0	96.3	96.8	97.2	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4
GE 200	94.0	95.4	96.0	96.3	96.9	97.3	97.7	98.2	98.2	98.3	98.4	98.4	98.5	98.6	98.6	98.6
GE 100	94.0	95.4	96.0	96.3	97.2	97.6	98.1	98.6	98.6	98.7	98.9	98.9	99.0	99.1	99.2	99.4
GE 0	94.0	95.4	96.0	96.3	97.2	97.6	98.1	98.6	98.6	98.8	99.0	99.0	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS (LST): 0300-0500

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	67.8	68.6	68.8	68.8	69.1	69.1	69.2	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.8	69.9
GE 20000	74.7	75.5	75.7	75.7	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.7	76.8
GE 18000	75.1	75.6	76.0	76.0	76.3	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	77.0	77.1
GE 16000	75.1	75.8	76.0	76.0	76.3	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	77.0	77.1
GE 14000	75.7	76.5	76.7	76.7	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.6	77.7
GE 12000	78.3	79.0	79.2	79.2	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.2	80.3
GE 10000	82.7	83.4	83.7	83.7	84.0	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.6	84.7
GE 9000	82.7	83.4	83.7	83.7	84.0	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.6	84.7
GE 8000	83.9	84.9	85.2	85.2	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.9	85.9	86.1	86.2
GE 7000	83.9	84.9	85.2	85.2	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.9	85.9	86.1	86.2
GE 6000	85.1	86.2	86.7	86.7	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.6	87.7
GE 5000	87.0	88.2	88.6	88.6	89.0	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.7	89.8
GE 4500	88.0	89.1	89.7	89.7	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.8	90.9
GE 4000	89.0	90.2	90.8	90.8	91.2	91.2	91.3	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.9	92.0
GE 3500	89.4	90.5	91.1	91.1	91.5	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	92.1	92.2
GE 3000	90.0	91.4	91.9	91.9	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.8	92.8	93.0	93.1
GE 2500	90.3	91.8	92.3	92.3	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.4	93.5
GE 2000	90.6	92.1	92.6	92.6	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.7	93.8
GE 1800	90.9	92.4	92.9	92.9	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	94.0	94.1
GE 1600	91.2	92.7	93.2	93.2	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.3	94.4
GE 1400	91.5	93.0	93.5	93.5	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.6	94.7
GE 1200	91.8	93.3	93.8	93.8	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.9	95.0
GE 1000	92.1	93.6	94.1	94.1	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.2	95.3
GE 900	92.4	93.9	94.4	94.4	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.5	95.6
GE 800	92.7	94.2	94.7	94.7	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.8	95.9
GE 700	93.0	94.5	95.0	95.0	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	96.1	96.2
GE 600	93.3	94.8	95.3	95.3	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.4	96.5
GE 500	93.6	95.1	95.6	95.6	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.7	96.8
GE 450	93.9	95.4	95.9	95.9	96.4	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	97.0	97.1
GE 400	94.2	95.7	96.2	96.2	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.3	97.4
GE 350	94.5	96.0	96.5	96.5	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.6	97.7
GE 300	94.8	96.3	96.8	96.8	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.9	98.0
GE 250	95.1	96.6	97.1	97.1	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.2	98.3
GE 200	95.4	96.9	97.4	97.4	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.5	98.6
GE 150	95.7	97.2	97.7	97.7	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.8	98.9
GE 100	96.0	97.5	98.0	98.0	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.2
GE 50	96.3	97.8	98.3	98.3	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5
GE 0	96.6	98.1	98.6	98.6	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(IST): 0600-0800

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CEILING VISIBILITY IN STATUTE MILES

IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	62.4	62.6	62.9	62.9	63.0	63.0	63.2	63.2	63.2	63.2	63.4	63.4	63.5	63.5	63.9	64.3
GE 2000	68.3	68.6	68.9	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.5	69.5	69.6	69.6	69.9	70.3
GE 1800	68.7	69.0	69.4	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.9	69.9	70.0	70.0	70.3	70.6
GE 1600	68.8	69.1	69.5	69.5	69.6	69.6	69.8	69.8	69.8	69.8	70.0	70.0	70.1	70.1	70.4	70.9
GE 1400	69.8	70.1	70.4	70.4	70.5	70.5	70.8	70.8	70.8	70.8	71.0	71.0	71.1	71.1	71.4	71.8
GE 1200	73.3	73.7	74.0	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.5	74.5	74.6	74.6	74.9	75.4
GE 1000	79.1	79.5	79.9	79.9	80.1	80.1	80.3	80.3	80.3	80.3	80.5	80.5	80.6	80.6	81.0	81.4
GE 900	79.4	79.7	80.1	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.8	80.8	80.9	80.9	81.2	81.6
GE 800	81.0	81.3	81.7	81.7	81.9	81.9	82.2	82.2	82.2	82.2	82.4	82.4	82.5	82.5	82.8	83.2
GE 700	81.0	81.3	81.7	81.7	81.9	81.9	82.2	82.2	82.2	82.2	82.4	82.4	82.5	82.5	82.8	83.2
GE 600	81.9	82.2	82.6	82.6	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.2	83.3	83.3	83.7	84.1
GE 500	84.7	85.1	85.5	85.6	85.8	85.9	86.1	86.2	86.2	86.2	86.5	86.5	86.7	86.7	87.0	87.4
GE 450	86.1	86.5	86.9	87.0	87.4	87.5	87.7	87.8	87.8	87.8	88.1	88.1	88.3	88.3	88.6	89.0
GE 400	86.9	87.2	87.6	87.6	88.3	88.4	88.6	88.7	88.7	88.7	88.9	88.9	89.1	89.1	89.5	89.9
GE 350	88.1	88.5	88.9	89.1	89.6	89.7	89.9	90.1	90.1	90.1	90.3	90.3	90.5	90.5	90.9	91.3
GE 300	88.9	89.6	90.1	90.3	91.0	91.1	91.3	91.5	91.5	91.5	91.7	91.7	91.9	91.9	92.3	92.7
GE 250	89.7	90.5	91.1	91.3	91.9	92.0	92.3	92.5	92.5	92.5	92.7	92.7	92.9	92.9	93.2	93.7
GE 200	89.6	90.9	91.4	91.7	92.5	92.6	92.8	93.0	93.0	93.0	93.2	93.2	93.4	93.4	93.8	94.2
GE 180	90.6	91.1	91.6	91.9	92.7	92.8	93.0	93.2	93.2	93.2	93.4	93.4	93.7	93.7	94.0	94.4
GE 150	90.3	91.4	91.9	92.3	93.0	93.1	93.4	93.8	93.8	93.8	94.0	94.0	94.2	94.2	94.5	94.9
GE 120	90.5	91.6	92.2	92.5	93.3	93.4	93.8	94.1	94.1	94.1	94.3	94.3	94.5	94.5	94.8	95.3
GE 100	90.5	91.6	92.2	92.6	93.4	93.5	93.9	94.2	94.2	94.2	94.4	94.4	94.6	94.6	94.9	95.4
GE 90	90.5	91.6	92.2	92.6	93.4	93.5	93.9	94.2	94.2	94.2	94.4	94.4	94.6	94.6	94.9	95.4
GE 80	90.5	91.7	92.3	92.7	93.7	93.8	94.1	94.4	94.4	94.4	94.6	94.6	94.8	94.8	95.2	95.6
GE 70	90.5	91.9	92.6	92.9	93.9	94.0	94.3	94.6	94.6	94.6	94.8	94.8	95.1	95.1	95.4	95.8
GE 60	90.5	91.9	92.6	93.0	94.0	94.1	94.5	94.9	94.9	94.9	95.2	95.2	95.4	95.4	95.7	96.1
GE 50	90.6	92.0	92.7	93.2	94.3	94.4	94.8	95.3	95.3	95.5	95.7	95.7	95.9	95.9	96.2	96.7
GE 40	90.6	92.2	92.8	93.4	94.5	94.6	95.1	95.7	95.7	95.9	96.1	96.2	96.5	96.5	96.8	97.2
GE 30	90.6	92.2	92.8	93.4	94.5	94.6	95.1	95.8	95.8	96.1	96.5	96.6	96.9	96.9	97.3	97.8
GE 20	90.6	92.3	92.9	93.5	94.6	94.7	95.2	95.9	95.9	96.2	96.7	96.8	97.1	97.1	97.8	98.4
GE 10	90.6	92.3	92.9	93.5	94.6	94.7	95.2	96.2	96.2	96.6	97.0	97.1	97.5	97.5	98.3	99.4
GE 0	90.6	92.3	92.9	93.5	94.6	94.7	95.2	96.2	96.2	96.6	97.0	97.1	97.5	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS (LST): 0900-1100

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	60.6	60.9	61.0	61.0	61.7	61.7	61.7	62.0	62.0	62.0	62.2	62.2	62.4	62.4	62.5	62.8	
GE 20000	68.5	68.7	68.8	68.8	69.6	69.6	69.8	70.1	70.1	70.1	70.2	70.2	70.4	70.4	70.5	70.9	
GE 18000	69.2	69.5	69.6	69.6	70.3	70.3	70.3	70.5	70.9	70.9	71.0	71.0	71.2	71.2	71.3	71.6	
GE 16000	69.8	70.0	70.1	70.1	70.9	70.9	71.1	71.4	71.4	71.4	71.5	71.5	71.7	71.7	71.8	72.2	
GE 14000	70.8	71.0	71.1	71.1	71.8	71.8	72.0	72.4	72.4	72.4	72.5	72.5	72.7	72.7	72.8	73.1	
GE 12000	75.5	75.7	75.8	75.8	76.6	76.6	76.8	77.1	77.1	77.1	77.2	77.2	77.4	77.4	77.5	77.8	
GE 10000	79.7	80.0	80.2	80.2	81.0	81.0	81.2	81.5	81.5	81.5	81.6	81.6	81.8	81.8	81.9	82.3	
GE 9000	79.9	80.2	80.4	80.4	81.2	81.2	81.4	81.7	81.7	81.7	81.8	81.8	82.0	82.0	82.2	82.5	
GE 8000	81.6	81.9	82.2	82.2	82.9	82.9	83.1	83.4	83.4	83.4	83.5	83.5	83.8	83.8	83.9	84.2	
GE 7000	81.8	82.2	82.4	82.4	83.1	83.1	83.3	83.7	83.7	83.7	83.8	83.8	84.0	84.0	84.1	84.4	
GE 6000	82.4	82.7	82.9	82.9	83.7	83.7	83.9	84.2	84.2	84.2	84.3	84.3	84.5	84.5	84.6	84.9	
GE 5000	85.5	85.8	86.0	86.0	86.8	86.8	87.0	87.3	87.3	87.3	87.4	87.4	87.6	87.6	87.7	88.1	
GE 4500	86.7	87.0	87.2	87.2	88.0	88.0	88.2	88.5	88.5	88.5	88.6	88.6	88.8	88.8	88.9	89.2	
GE 4000	88.4	88.7	88.9	88.9	89.7	89.7	89.9	90.2	90.2	90.2	90.3	90.3	90.5	90.5	90.6	91.0	
GE 3500	89.4	89.7	89.9	89.9	90.6	90.6	90.9	91.2	91.2	91.2	91.3	91.3	91.5	91.5	91.6	91.9	
GE 3000	90.0	90.4	90.8	90.8	91.6	91.6	91.8	92.2	92.2	92.2	92.3	92.3	92.5	92.5	92.6	92.9	
GE 2500	92.3	92.8	93.1	93.1	93.9	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.8	94.8	94.9	95.3	
GE 2000	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 1800	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 1600	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 1400	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 1200	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 1000	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 900	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 800	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 700	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 600	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 500	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 400	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 300	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 200	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	
GE 100	93.4	93.8	94.1	94.1	94.9	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.9	96.3	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	64.3	64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	72.5	72.7	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 18000	73.3	73.5	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	73.7	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	75.3	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	77.7	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	82.2	82.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000	82.7	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	84.6	84.8	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	85.5	85.7	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	86.6	86.8	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	89.7	89.9	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4500	90.1	90.3	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	91.6	91.9	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	92.8	93.2	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	93.2	93.7	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	93.7	94.1	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	93.9	94.3	94.6	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	93.9	94.3	94.6	94.7	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	94.3	94.7	95.1	95.2	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	94.8	95.6	96.2	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	94.8	95.7	96.5	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	94.9	95.8	96.6	96.8	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	94.9	95.8	96.6	96.8	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	94.9	95.8	96.6	96.8	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	94.9	95.9	96.7	96.9	97.3	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	95.2	96.2	97.2	97.4	98.2	98.2	98.4	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 400	95.2	96.3	97.3	97.5	98.4	98.4	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 300	95.3	96.5	97.4	97.6	98.5	98.5	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
GE 200	95.3	96.5	97.4	97.6	98.5	98.5	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	95.3	96.5	97.5	97.7	98.6	98.6	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	100.0
GE 0	95.3	96.5	97.5	97.7	98.6	98.6	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	64.2	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3		
GE 20000	73.4	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0		
GE 18000	74.7	74.9	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3		
GE 16000	75.4	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9		
GE 14000	77.3	77.5	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8		
GE 12000	78.8	79.0	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4		
GE 10000	83.7	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3		
GE 9000	84.1	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7		
GE 8000	86.1	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8		
GE 7000	86.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4		
GE 6000	88.7	89.0	89.0	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5		
GE 5000	91.6	92.0	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5		
GE 4500	92.8	93.2	93.2	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7		
GE 4000	94.8	95.3	95.3	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8		
GE 3500	95.2	95.7	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2		
GE 3000	95.5	96.1	96.1	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 2500	95.9	96.6	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1		
GE 2000	96.3	97.2	97.3	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8		
GE 1800	96.5	97.3	97.4	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0		
GE 1500	96.6	97.5	97.6	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3		
GE 1200	96.8	97.7	97.8	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6		
GE 1000	97.0	98.0	98.1	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8		
GE 900	97.0	98.1	98.2	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9		
GE 800	97.0	98.1	98.2	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9		
GE 700	97.0	98.2	98.3	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0		
GE 600	97.0	98.2	98.3	98.5	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1		
GE 500	97.1	98.3	98.4	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5		
GE 400	97.1	98.3	98.4	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5		
GE 300	97.1	98.3	98.4	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8		
GE 200	97.1	98.3	98.4	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8		
GE 100	97.1	98.3	98.4	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	100.0		
GE 0	97.1	98.3	98.4	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

JOAL CLIMATOLOGY BRANCH
AFETAC
N WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: JAN

HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
CEIL	66.2	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
2000	74.5	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
1800	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
1600	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
1400	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0
1200	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
1000	85.6	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
900	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
800	87.7	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
700	88.5	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
600	90.2	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8
500	93.1	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
450	93.7	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
400	94.7	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
350	95.1	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
300	95.2	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
250	95.8	96.2	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
200	95.9	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
180	96.1	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
150	96.2	96.9	97.0	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
120	96.6	97.4	97.5	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
100	96.7	97.5	97.6	97.8	98.2	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
90	96.7	97.6	98.0	98.2	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
80	96.7	97.6	98.0	98.2	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
70	96.7	97.6	98.0	98.2	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1
60	96.7	97.6	98.0	98.2	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2
50	96.7	97.6	98.0	98.2	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2
40	96.8	97.7	98.1	98.3	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4
30	96.8	97.7	98.1	98.3	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4
20	96.8	97.7	98.1	98.3	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4
10	96.8	97.7	98.1	98.3	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4
0	96.8	97.7	98.1	98.3	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: JAN HOURS (LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
CEIL		72.5	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
20000		78.9	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
18000		79.7	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
16000		79.7	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
14000		80.4	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
12000		83.0	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
10000		86.6	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
9000		86.9	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
8000		88.0	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
7000		88.5	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
6000		90.1	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
5000		91.8	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4500		91.9	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4000		92.9	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
3500		93.0	94.6	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
3000		93.4	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2500		93.8	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
2000		94.5	96.5	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1800		94.8	96.9	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1500		94.9	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200		95.3	97.4	97.5	97.6	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000		95.3	97.4	97.5	97.8	98.1	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
900		95.3	97.6	97.7	98.1	98.3	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		95.4	98.0	98.1	98.4	98.6	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700		95.4	98.0	98.1	98.4	98.6	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
600		95.5	98.1	98.3	98.6	98.8	98.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500		95.5	98.1	98.3	98.6	98.8	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
400		95.5	98.2	98.4	98.7	98.9	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300		95.5	98.2	98.4	98.7	98.9	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200		95.5	98.2	98.4	98.7	98.9	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100		95.5	98.2	98.4	98.8	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
0		95.5	98.2	98.4	98.8	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: JAN HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	10	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
		0															0
NO	CEIL	66.1	66.5	66.6	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.3
GE	2000	73.5	73.9	74.1	74.1	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7	74.8
GE	1800	74.2	74.6	74.7	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.4
GE	1600	74.4	74.8	74.9	75.0	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.6	75.7
GE	1400	75.6	76.0	76.2	76.2	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.9
GE	1200	78.6	78.9	79.0	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.7
GE	1000	83.2	83.6	83.8	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.5
GE	900	83.4	83.9	84.0	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.8
GE	800	85.0	85.5	85.7	85.7	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.5
GE	700	85.4	85.9	86.1	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.7	86.7	86.8	86.8
GE	600	86.6	87.2	87.4	87.4	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.2
GE	500	89.2	89.8	90.0	90.1	90.3	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.8
GE	450	90.0	90.6	90.8	91.0	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.8
GE	400	91.2	91.9	92.1	92.3	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.1
GE	350	91.8	92.5	92.6	93.0	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.8
GE	300	92.3	93.1	93.4	93.6	93.9	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.5
GE	250	92.8	93.7	94.0	94.2	94.5	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.1
GE	200	93.1	94.2	94.5	94.7	95.1	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.6	95.7
GE	180	93.7	94.4	94.7	94.9	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.9
GE	150	93.5	94.6	94.9	95.2	95.6	95.6	95.8	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.3
GE	120	93.8	95.0	95.4	95.6	96.1	96.2	96.4	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.9	97.0
GE	100	93.4	95.1	95.5	95.8	96.3	96.4	96.6	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.1	97.2
GE	90	93.8	95.2	95.6	95.9	96.4	96.5	96.7	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.4
GE	80	93.8	95.3	95.7	96.0	96.5	96.6	96.8	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.4	97.5
GE	70	93.8	95.3	95.8	96.0	96.6	96.7	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.6
GE	60	93.9	95.4	95.8	96.1	96.7	96.8	97.0	97.3	97.3	97.4	97.5	97.6	97.6	97.6	97.7	97.9
GE	50	93.9	95.5	96.0	96.3	97.0	97.2	97.4	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.4
GE	40	94.0	95.6	96.1	96.4	97.2	97.3	97.6	98.0	98.0	98.2	98.4	98.4	98.5	98.5	98.6	98.7
GE	30	94.0	95.6	96.2	96.5	97.3	97.4	97.7	98.1	98.2	98.4	98.5	98.6	98.7	98.7	98.8	98.9
GE	20	94.0	95.6	96.2	96.5	97.3	97.4	97.7	98.2	98.2	98.5	98.7	98.7	98.8	98.9	99.0	99.2
GE	10	94.0	95.6	96.2	96.5	97.4	97.5	97.8	98.4	98.4	98.7	98.8	98.9	99.1	99.1	99.3	99.7
GE	0	94.0	95.6	96.2	96.5	97.4	97.5	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: FEB

HOURS(IST): 0000-0200

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 20000	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 18000	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 14000	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 12000	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	91.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 9000	91.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 8000	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 7000	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4500	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4000	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	97.4	98.2	98.2	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	97.4	98.2	98.2	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	97.8	98.7	98.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	97.8	98.7	98.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	97.8	98.9	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	97.8	98.9	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	97.9	99.1	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 446

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	1/32768	
NO CEIL	76.7	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.8	
GE 20000	83.1	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.2	
GE 18000	83.1	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.2	
GE 16000	83.1	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.2	
GE 14000	83.7	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.8	
GE 12000	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5	
GE 10000	89.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 9000	89.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 8000	90.7	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.7	
GE 7000	91.6	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
GE 6000	91.6	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.8	
GE 5000	93.1	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.8	
GE 4500	93.6	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.3	
GE 4000	94.8	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.3	96.6	96.6	96.7	96.7	96.7	96.8	
GE 3500	95.2	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.2	
GE 3000	95.2	96.3	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.8	
GE 2500	95.2	96.3	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.8	
GE 2000	95.6	97.3	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.8	
GE 1800	95.6	97.3	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.8	
GE 1500	95.6	97.5	98.1	98.1	98.1	98.3	98.6	98.6	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.2	
GE 1200	95.6	97.5	98.1	98.1	98.1	98.3	98.6	98.6	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.3	
GE 1000	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 900	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 800	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 700	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 600	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 500	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 400	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 300	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 200	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 100	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
GE 0	95.7	98.0	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0600-0800

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.6
GE 2000	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7
GE 1800	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7
GE 1600	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1
GE 1400	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.8
GE 1200	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1
GE 1000	86.1	86.5	86.5	86.5	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.0
GE 900	86.1	86.5	86.5	86.5	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.0
GE 800	88.1	88.5	88.5	88.5	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0
GE 700	88.4	88.9	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.5
GE 600	89.7	90.2	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.8
GE 500	91.5	92.1	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.7
GE 450	92.4	93.0	93.0	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.6
GE 400	93.7	94.6	94.6	94.6	95.0	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.7
GE 350	94.1	94.9	95.3	95.4	95.5	95.5	95.5	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1
GE 300	95.0	95.9	96.2	96.3	96.5	96.5	96.5	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.2
GE 250	95.5	96.3	96.7	96.8	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6
GE 200	95.7	96.8	97.3	97.6	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.5
GE 180	95.7	96.8	97.3	97.6	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.5
GE 150	95.7	96.9	97.4	97.8	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.6
GE 120	95.9	97.0	97.5	97.9	98.0	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7
GE 100	96.0	97.5	98.0	98.3	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2
GE 90	96.0	97.5	98.0	98.3	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2
GE 80	96.1	97.9	98.3	98.7	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
GE 70	96.1	97.9	98.3	98.7	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
GE 60	96.1	97.9	98.3	98.7	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
GE 50	96.2	98.0	98.5	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.8
GE 40	96.2	98.0	98.5	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.9
GE 30	96.2	98.0	98.5	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.9
GE 20	96.2	98.0	98.5	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	100.0
GE 10	96.2	98.0	98.5	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	100.0
GE 0	96.2	98.0	98.5	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10'	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		73.4	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.6	73.8	73.8	73.9	73.9	73.9	73.9
GE 20000		80.1	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
GE 18000		80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
GE 16000		80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9
GE 14000		81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
GE 12000		82.4	82.6	82.6	82.6	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 10000		86.5	86.8	86.8	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 9000		86.6	86.9	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4
GE 8000		87.8	88.2	88.3	88.3	88.4	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 7000		89.1	89.4	89.5	89.5	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000		90.2	90.5	90.7	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 5000		92.1	92.6	92.7	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 4500		92.7	93.1	93.3	93.3	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
GE 4000		94.3	94.9	95.0	95.0	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 3500		94.7	95.3	95.4	95.4	95.6	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 3000		96.0	96.8	96.9	96.9	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 2500		96.2	97.0	97.2	97.3	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 2000		96.7	97.6	97.8	97.9	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 1800		96.7	97.6	97.8	97.9	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 1500		96.7	97.8	97.9	98.0	98.2	98.2	98.3	98.7	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 1200		96.7	97.8	97.9	98.0	98.2	98.2	98.3	98.7	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2
GE 1000		96.8	97.9	98.0	98.1	98.3	98.3	98.5	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 900		96.8	97.9	98.0	98.1	98.3	98.3	98.5	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 800		96.8	98.0	98.1	98.2	98.5	98.5	98.6	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 700		96.8	98.0	98.1	98.2	98.5	98.5	98.6	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 600		96.9	98.1	98.2	98.3	98.6	98.6	98.7	99.1	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 500		96.9	98.1	98.2	98.3	98.6	98.6	98.7	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 400		97.0	98.3	98.5	98.6	98.8	98.8	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
GE 300		97.0	98.3	98.5	98.6	98.8	98.8	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
GE 200		97.0	98.3	98.5	98.6	98.8	98.8	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
GE 100		97.0	98.3	98.5	98.6	98.8	98.8	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
GE 0		97.0	98.3	98.5	98.6	98.8	98.8	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 46

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2
GE 20000	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6
GE 18000	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0
GE 16000	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2
GE 14000	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8
GE 12000	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0
GE 10000	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7
GE 9000	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9
GE 8000	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6
GE 7000	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.1	90.1	90.1
GE 6000	90.4	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1
GE 5000	92.2	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9
GE 4500	93.3	93.5	93.6	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2
GE 4000	95.3	95.6	95.9	96.3	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8
GE 3500	95.4	95.7	96.0	96.1	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9
GE 3000	96.9	97.3	97.5	97.6	97.9	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7
GE 2500	97.0	97.5	97.8	97.9	98.1	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1
GE 2000	97.5	98.0	98.2	98.3	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 1800	97.5	98.0	98.2	98.3	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 1600	97.5	98.0	98.2	98.3	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 1400	97.5	98.1	98.3	98.3	98.7	98.7	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9
GE 1200	97.5	98.1	98.3	98.3	98.7	98.7	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9
GE 1000	97.5	98.1	98.3	98.3	98.7	98.7	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9
GE 900	97.5	98.1	98.3	98.3	98.7	98.7	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9
GE 800	97.5	98.1	98.3	98.3	98.7	98.7	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9
GE 700	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0
GE 600	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0
GE 500	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0
GE 400	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0
GE 300	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0
GE 200	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0
GE 100	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0
GE 0	97.5	98.2	98.5	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13
NO CLIL	65.8	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	77.2	77.3	77.4	77.5	77.9	77.9	78.1	78.3	78.3	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 18000	77.9	78.0	78.1	78.3	78.6	78.6	78.8	79.0	79.0	79.2	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6
GE 16000	78.0	78.1	78.3	78.4	78.7	78.7	79.0	79.1	79.1	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7
GE 14000	79.7	79.8	79.9	80.0	80.4	80.4	80.6	80.7	80.7	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3
GE 12000	82.5	82.7	82.9	83.0	83.3	83.3	83.6	83.7	83.7	83.9	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3
GE 10000	87.1	87.4	87.6	87.8	88.2	88.2	88.4	88.5	88.5	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1
GE 9000	87.2	87.5	87.7	87.9	88.3	88.3	88.5	88.7	88.7	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
GE 8000	88.2	88.4	88.8	89.0	89.4	89.4	89.6	89.7	89.7	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
GE 7000	88.9	89.1	89.5	89.7	90.1	90.1	90.3	90.4	90.4	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0
GE 6000	89.8	90.1	90.4	90.7	91.1	91.1	91.4	91.5	91.5	91.7	92.0	92.0	92.0	92.2	92.3	92.3	92.3	92.3
GE 5000	92.2	92.4	92.8	93.0	93.5	93.5	93.7	93.9	93.9	94.1	94.3	94.3	94.3	94.6	94.7	94.7	94.7	94.7
GE 4500	92.6	92.9	93.3	93.5	94.0	94.0	94.2	94.3	94.3	94.6	94.8	94.8	94.8	95.0	95.2	95.2	95.2	95.2
GE 4000	94.7	95.3	95.6	95.9	96.5	96.5	96.7	96.8	96.8	97.0	97.3	97.3	97.3	97.5	97.6	97.6	97.6	97.6
GE 3500	95.2	95.7	96.1	96.3	96.9	96.9	97.2	97.3	97.3	97.5	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1
GE 3000	95.6	96.6	96.9	97.2	97.8	97.8	98.0	98.1	98.1	98.3	98.6	98.6	98.6	98.8	98.9	98.9	98.9	98.9
GE 2500	96.1	97.0	97.4	97.6	98.2	98.2	98.5	98.6	98.6	98.8	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4
GE 2000	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8
GE 1800	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8
GE 1500	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8
GE 1200	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8
GE 1000	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 900	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 800	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 700	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 600	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 500	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 400	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 300	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 200	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 100	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
GE 0	96.5	97.4	97.8	98.0	98.6	98.6	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: FEB

HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	69.0	69.6	69.6	69.7	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
GE 2000	76.4	79.0	79.0	79.1	79.3	79.3	79.6	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 1800	79.0	79.6	79.6	79.7	79.9	79.9	80.1	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7
GE 1600	79.3	79.9	79.9	80.0	80.3	80.3	80.5	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
GE 1400	81.6	82.2	82.2	82.3	82.5	82.5	82.7	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
GE 1200	84.0	84.6	84.6	84.8	85.0	85.0	85.2	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 1000	89.7	90.4	90.5	90.7	90.9	90.9	91.1	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 900	89.7	90.4	90.5	90.7	90.9	90.9	91.1	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 800	91.4	91.1	91.2	91.4	91.6	91.6	91.8	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 700	92.4	91.1	91.3	91.4	91.6	91.6	91.8	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 600	91.5	92.2	92.3	92.4	92.8	92.6	93.0	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE 500	93.6	94.3	94.4	94.6	95.0	95.0	95.3	95.5	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9
GE 400	92.9	94.6	94.7	94.6	95.3	95.3	95.5	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 300	95.3	96.0	96.2	96.3	96.8	96.8	97.0	97.3	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8
GE 200	95.5	96.2	96.5	96.6	97.0	97.0	97.3	97.5	97.6	97.6	97.9	97.9	98.0	98.0	98.0	98.0
GE 100	96.2	97.5	97.8	97.9	98.3	98.3	98.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 2500	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 2000	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1800	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1600	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1400	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1200	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1000	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 900	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 800	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 600	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 100	96.6	97.9	98.1	98.2	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
WAFETAC
WAFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: FEB

HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	75.5	76.2	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 20000	82.3	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 18000	82.5	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 16000	82.5	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 14000	84.5	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 12000	86.8	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 10000	92.4	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 9000	92.4	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 8000	93.1	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 7000	93.1	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 6000	93.7	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 5000	95.4	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	96.0	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4000	96.3	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3500	96.6	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	96.9	98.2	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	97.0	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	97.3	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	97.3	98.6	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1600	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1400	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	97.3	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: FEB

HOURS(IST):

ALL

VISIBILITY IN STATUTE MILES																	
IN LET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
CEIL	72.7	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.6
5000	81.0	81.4	81.4	81.5	81.6	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
1600	81.3	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.3
1600	81.4	81.8	81.9	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4
1400	82.6	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.6
1200	84.4	84.9	84.9	84.9	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5
1000	89.6	89.1	89.1	89.2	89.3	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
900	88.7	89.1	89.2	89.2	89.4	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
800	90.0	90.5	90.6	90.7	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2
700	90.3	90.8	90.9	91.0	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5
600	91.3	91.8	91.9	92.0	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.6	92.6	92.6
500	93.2	93.8	94.0	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.7
450	93.8	94.4	94.6	94.6	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.3
400	95.2	96.0	96.2	96.2	96.5	96.5	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0
350	95.5	96.3	96.5	96.5	96.8	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3
300	96.7	97.1	97.4	97.5	97.7	97.7	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
250	96.4	97.3	97.6	97.7	97.9	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6
200	96.7	97.8	98.1	98.2	98.4	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
180	96.7	97.8	98.1	98.2	98.5	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2
150	96.7	97.9	98.3	98.4	98.6	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4
120	96.7	98.0	98.3	98.4	98.7	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5
100	96.8	98.1	98.5	98.6	98.8	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7
90	96.8	98.1	98.5	98.6	98.8	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7
80	96.8	98.2	98.5	98.7	98.9	99.0	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
70	96.8	98.2	98.5	98.7	98.9	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
60	96.8	98.2	98.6	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
50	96.8	98.2	98.6	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
40	96.8	98.2	98.6	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
30	96.8	98.2	98.6	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
20	96.8	98.2	98.6	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
10	96.8	98.2	98.6	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
0	96.8	98.2	98.6	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: MAR HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CLIL	78.1	78.8	78.6	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
GE 20000	84.4	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 18000	84.6	85.6	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 16000	84.8	85.6	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 14000	86.5	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 12000	88.4	89.1	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 10000	92.2	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
GE 9000	92.5	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 8000	94.4	95.3	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GE 7000	94.5	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 6000	95.5	96.3	96.3	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 5000	96.8	97.6	97.6	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 4500	97.0	97.8	97.8	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 4000	98.0	98.8	98.8	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 3500	98.1	98.9	98.9	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 3000	98.1	98.9	99.2	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 2500	98.2	99.0	99.4	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 2000	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1800	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1600	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1400	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	98.4	99.2	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB AM

PERIOD OF RECORD: 77-86

MONTH: MAR

HOURS(IST): 0300-0500

CEILING FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	2	1	1 1/2	1	1/4	1	3/4	5/8	1/2
NO CLFL	79.2	79.4	79.4	79.4	79.6	79.6	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	86.1	86.2	86.2	86.2	86.5	86.5	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	86.1	86.2	86.2	86.2	86.5	86.5	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1600	86.2	86.3	86.3	86.3	86.6	86.6	86.7	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1400	87.7	87.8	87.8	87.8	88.1	88.1	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	89.1	89.2	89.2	89.2	89.5	89.5	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	93.4	93.5	93.5	93.5	93.8	93.8	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	93.5	93.7	93.7	93.7	93.9	93.9	94.0	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	94.7	94.8	94.8	94.8	95.1	95.1	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	94.7	94.8	94.8	94.8	95.1	95.1	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	95.9	96.0	96.0	96.0	96.2	96.2	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	96.9	97.0	97.0	97.0	97.2	97.2	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 450	97.5	97.7	97.7	97.7	98.0	98.0	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	98.0	98.2	98.2	98.2	98.4	98.4	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 350	98.0	98.2	98.2	98.2	98.4	98.4	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 250	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 180	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 150	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 120	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 90	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 80	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 70	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 60	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

MONTH: MAR HOURS(LST): 0600-0800

..... VISIBILITY IN STATUTE MILES

AL NUMBER OF OBSERVATIONS: 233

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

NUMBER OF OBSERVATIONS: 950

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: MAR

HOURS(IST): 1200-1400

VISIBILITY IN STATUTE MILES																
CEILING	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0	65.7	66.1	66.1	66.5	66.7	66.8	66.9	66.9	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3
100	71.1	71.4	71.4	71.7	71.9	72.0	72.1	72.1	72.2	72.5	72.8	72.8	72.9	72.9	72.9	72.9
200	71.8	72.2	72.2	72.6	72.8	72.9	73.0	73.0	73.1	73.3	73.6	73.6	73.7	73.7	73.7	73.7
300	72.0	72.5	72.5	72.9	73.0	73.1	73.2	73.2	73.3	73.5	73.8	73.8	73.9	73.9	73.9	73.9
400	71.1	71.5	71.5	71.8	72.0	72.2	72.3	72.3	72.4	72.6	72.9	72.9	73.0	73.0	73.0	73.0
500	71.5	72.2	72.2	72.5	72.7	72.8	72.9	72.9	73.1	73.3	73.6	73.6	73.7	73.7	73.7	73.7
600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
700	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
900	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
1000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
1200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
1400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
1600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
1800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
2000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
2200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
2400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
2600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
2800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
3000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
3200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
3400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
3600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
3800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
4000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
4200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
4400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
4600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
4800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
5000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
5200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
5400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
5600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
5800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
6000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
6200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
6400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
6600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
6800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
7000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
7200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
7400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
7600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
7800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
8000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
8200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
8400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
8600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
8800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
9000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
9200	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
9400	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
9600	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
9800	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8
10000	71.8	72.4	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.8	73.8

NUMBER OF OBSERVATIONS: 250

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FLEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	61.6	62.6	63.2	63.5	64.1	64.2	64.5	64.7	64.7	65.2	65.3	65.3	65.3	65.3	65.3	65.3	
GE 20000	75.2	76.1	76.8	77.1	77.7	77.8	78.3	78.5	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	
GE 18000	76.7	77.6	78.3	78.6	79.2	79.4	79.6	80.0	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	
GE 16000	76.8	77.7	78.4	78.7	79.4	79.5	79.9	80.1	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	
GE 14000	79.2	79.1	79.6	80.1	80.8	80.9	81.3	81.5	81.5	81.9	82.0	82.0	82.0	82.0	82.0	82.0	
GE 12000	81.7	82.7	83.3	83.7	84.3	84.4	84.8	85.1	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.6	
GE 10000	85.4	86.6	87.2	87.5	88.2	88.3	88.8	89.0	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	
GE 9000	85.4	86.6	87.2	87.5	88.2	88.3	88.8	89.0	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	
GE 8000	86.8	88.0	88.6	88.9	89.6	89.7	90.2	90.4	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	
GE 7000	86.9	88.1	88.7	89.0	89.7	89.8	90.3	90.5	90.5	91.0	91.1	91.1	91.2	91.2	91.2	91.2	
GE 6000	89.1	90.5	91.2	91.5	92.2	92.4	92.9	93.1	93.1	93.5	93.7	93.7	93.9	93.9	93.9	93.9	
GE 5000	92.0	93.5	94.2	94.6	95.4	95.6	96.1	96.5	96.5	96.9	97.0	97.0	97.2	97.2	97.2	97.2	
GE 4500	92.7	94.2	94.8	95.3	96.0	96.2	96.9	97.2	97.2	97.6	97.7	97.7	98.0	98.0	98.0	98.0	
GE 4000	93.3	94.8	95.5	95.9	96.7	96.9	97.5	97.8	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.6	
GE 3500	93.4	95.2	95.8	96.2	97.0	97.2	97.8	98.2	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	
GE 3000	93.8	95.5	96.1	96.6	97.3	97.5	98.2	98.5	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	
GE 2500	93.9	95.7	96.3	96.8	97.5	97.7	98.4	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5	
GE 2000	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 1800	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 1500	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 1200	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 1000	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 900	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 800	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 700	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 600	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 500	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 400	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 300	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 200	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 100	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
GE 0	94.1	95.9	96.5	97.0	97.7	98.0	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
TOTAL NUMBER OF OBSERVATIONS: 750																	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		67.5	68.5	68.7	69.0	69.2	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2000		77.0	78.1	78.4	78.7	78.9	78.9	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1800		77.8	78.9	79.2	79.6	79.8	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1600		78.3	79.4	79.7	80.0	80.3	80.3	80.5	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1400		81.1	82.2	82.5	82.8	83.1	83.1	83.3	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200		84.7	85.8	86.1	86.5	86.9	86.8	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000		88.4	89.6	90.0	90.4	90.9	90.9	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900		88.5	89.7	90.1	90.5	91.0	91.0	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 800		89.5	90.6	91.3	91.7	92.2	92.3	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700		89.6	90.8	91.4	91.8	92.3	92.4	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600		91.4	92.6	93.2	93.7	94.1	94.2	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500		93.8	94.9	95.6	96.1	96.6	96.7	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 450		94.8	96.0	96.7	97.2	97.6	97.7	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400		95.5	96.7	97.3	97.8	98.3	98.4	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 350		95.5	96.7	97.3	97.6	98.3	98.4	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300		95.7	96.9	97.5	98.1	98.5	98.6	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 250		95.8	97.0	97.6	98.2	98.6	98.7	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 180		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 160		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 140		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 120		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 90		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 80		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 70		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 60		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0		96.1	97.3	98.1	98.6	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(1ST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	77.0	77.7	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 20000	82.7	83.4	83.8	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 18000	83.2	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
GE 16000	83.5	84.3	84.6	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 14000	84.9	85.7	86.0	86.1	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
GE 12000	86.9	87.6	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
GE 10000	90.3	91.1	91.4	91.5	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
GE 9000	90.4	91.2	91.5	91.6	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 8000	92.2	92.9	93.2	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 7000	92.2	92.9	93.2	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 6000	93.3	94.2	94.5	94.7	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 5000	95.3	96.1	96.5	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 4500	96.2	97.1	97.4	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 4000	97.3	98.2	98.5	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 3500	97.5	98.4	98.7	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 3000	97.6	98.6	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 2500	97.7	98.7	99.0	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 2000	97.8	98.8	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1800	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1500	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	98.0	98.9	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: MAR

HOURS(IST):

ALL

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.7	71.9	72.0	72.2	72.4	72.4	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9
GE 2000	80.6	81.4	81.6	81.7	82.0	82.0	82.1	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	81.4	82.0	82.2	82.4	82.6	82.7	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2
GE 1600	81.6	82.2	82.4	82.5	82.8	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4
GE 1400	83.4	84.0	84.2	84.3	84.6	84.7	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2
GE 1200	86.9	86.5	86.7	86.9	87.1	87.2	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	89.5	90.3	90.5	90.6	90.9	91.0	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	89.7	90.5	90.7	90.8	91.1	91.2	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8
GE 800	91.1	91.9	92.1	92.3	92.6	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 700	91.3	92.0	92.2	92.4	92.7	92.8	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	92.6	93.4	93.6	93.6	94.1	94.3	94.4	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	94.5	95.4	95.6	95.8	96.2	96.4	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 450	95.3	96.1	96.3	96.6	96.9	97.1	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8
GE 400	96.6	96.9	97.2	97.4	97.8	97.9	98.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 350	96.2	97.1	97.3	97.6	97.9	98.1	98.3	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 300	96.5	97.5	97.8	98.0	98.4	98.6	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3
GE 250	96.7	97.7	98.0	98.2	98.6	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5
GE 200	96.9	97.9	98.2	98.5	98.8	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 180	96.9	97.9	98.2	98.5	98.8	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
GE 150	96.9	97.9	98.2	98.5	98.8	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
GE 120	96.9	97.9	98.2	98.5	98.8	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
GE 100	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 90	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 80	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 70	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 60	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 50	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 40	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 30	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 20	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 10	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 0	96.9	98.0	98.3	98.5	98.9	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 1440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS (LST): 0000-0200

CEILING VISIBILITY IN STATUTE MILES

IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
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NO CEIL	87.7	81.1	81.4	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
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GE 20000	85.3	85.8	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 18000	85.3	85.8	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 16000	85.3	85.8	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 14000	87.4	87.9	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 12000	97.2	90.7	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6

GE 10000	92.8	93.3	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 9000	92.9	93.4	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 8000	92.9	93.6	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 7000	92.9	93.6	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 6000	94.8	95.4	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4

GE 5000	95.3	96.0	96.3	96.6	96.9	96.9	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	96.0	96.7	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 4000	96.3	97.0	97.3	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 3500	96.3	97.0	97.3	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	96.3	97.1	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2

GE 2500	96.3	97.1	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	96.4	97.2	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	96.4	97.2	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1600	96.4	97.2	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1400	96.4	97.2	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7

GE 1000	96.8	97.8	98.1	98.3	98.7	98.7	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	96.8	97.8	98.1	98.3	98.7	98.7	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7

GE 500	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

GE 0	96.8	97.8	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS: 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

HOURS (LST): 0300-0500

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VISIBILITY IN STATUTE MILES

NUMBER OF OBSERVATIONS: 640

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	75.4	75.8	76.0	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	61.9	62.2	62.4	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1800	63.2	63.6	63.8	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 1600	63.3	63.7	63.9	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1400	65.6	65.9	66.1	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1200	93.1	90.4	90.7	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	93.0	93.3	93.6	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	93.0	93.3	93.6	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	93.3	93.7	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	93.3	93.7	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	95.1	95.4	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	95.7	96.0	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 450	95.1	96.4	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	96.4	96.8	97.1	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 350	96.9	97.2	97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	97.1	97.4	97.8	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 250	97.4	97.8	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	97.4	97.8	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 180	97.4	97.8	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 150	97.4	97.8	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 120	97.4	97.8	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 90	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 80	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 70	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 60	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 50	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 40	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 30	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 20	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 10	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	97.7	98.0	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	75.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2000	83.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1800	85.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1600	85.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1400	87.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	89.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	91.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	91.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	92.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	92.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	94.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	94.8	95.9	96.2	96.3	96.3	96.4	96.4	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 450	95.3	96.4	96.8	96.9	96.9	97.0	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	95.7	96.8	97.1	97.2	97.2	97.3	97.3	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 350	95.9	97.0	97.3	97.4	97.4	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	96.2	97.3	97.7	97.8	97.8	97.9	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 250	96.3	97.4	97.8	97.9	97.9	98.0	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	96.6	97.7	98.0	98.1	98.1	98.2	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 180	96.6	97.7	98.0	98.1	98.1	98.2	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 150	96.6	97.7	98.0	98.1	98.2	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 120	96.6	97.7	98.0	98.1	98.2	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 90	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 80	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 70	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 60	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 50	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 40	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 30	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 20	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 10	96.6	97.7	98.0	98.1	98.2	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	69.1	69.8	70.3	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 20000	80.4	81.1	81.8	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
GE 18000	81.7	82.3	83.0	83.2	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 16000	81.9	82.6	83.2	83.4	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 14000	83.9	84.6	85.2	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 12000	86.2	86.9	87.6	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 10000	88.9	89.6	90.2	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	88.9	89.6	90.2	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 8000	89.6	90.2	90.9	91.2	91.6	91.6	91.7	91.8	91.8	91.8	91.9	91.9	92.1	92.1	92.1	92.1
GE 7000	90.4	91.1	91.4	91.8	91.8	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.3	92.3	92.3	92.3
GE 6000	93.3	94.0	94.7	95.0	95.3	95.3	95.6	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0
GE 5000	94.3	95.1	95.9	96.2	96.7	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.4
GE 4500	94.8	95.6	96.3	96.7	97.1	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.9	97.9	97.9	97.9
GE 4000	95.0	95.8	96.6	96.9	97.3	97.3	97.8	98.0	98.0	98.0	98.1	98.1	98.3	98.3	98.3	98.3
GE 3500	95.1	95.9	96.7	97.0	97.4	97.4	97.9	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4
GE 3000	95.3	96.1	96.9	97.2	97.7	97.7	98.1	98.3	98.3	98.3	98.4	98.4	98.7	98.7	98.7	98.7
GE 2500	95.3	96.2	97.0	97.3	97.8	97.8	98.2	98.4	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8
GE 2000	95.3	96.2	97.0	97.3	97.8	97.8	98.2	98.4	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8
GE 1800	95.3	96.2	97.0	97.3	97.8	97.8	98.2	98.4	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8
GE 1600	95.3	96.4	97.2	97.6	98.2	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 1400	95.3	96.4	97.2	97.6	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 1200	95.3	96.4	97.2	97.6	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 1000	95.3	96.4	97.2	97.6	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 900	95.3	96.4	97.2	97.6	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 800	95.3	96.4	97.2	97.6	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 700	95.3	96.4	97.2	97.6	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 600	95.3	96.4	97.2	97.6	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 500	95.3	96.6	97.4	97.8	98.2	98.2	98.7	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0
GE 400	95.3	96.6	97.4	97.8	98.2	98.2	98.7	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0
GE 300	95.3	96.6	97.4	97.8	98.2	98.2	98.7	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0
GE 200	95.3	96.6	97.4	97.8	98.2	98.2	98.7	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0
GE 100	95.3	96.6	97.4	97.8	98.2	98.2	98.7	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0
GE 0	95.3	96.6	97.4	97.8	98.2	98.2	98.7	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

LOCAL CLIMATOLOGY BRANCH
SAFETY
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0 CEIL	64.9	65.8	66.2	67.0	67.6	67.8	67.9	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6
20000	74.2	79.3	79.8	80.7	81.2	81.4	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
18000	73.9	80.0	80.4	81.3	81.9	82.1	82.2	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
16000	73.0	80.1	80.6	81.4	82.0	82.2	82.3	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
14000	61.3	82.4	82.9	83.6	84.3	84.6	84.7	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4
12000	83.8	84.9	85.3	86.2	86.8	87.0	87.1	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
10000	87.0	88.1	88.6	89.4	90.0	90.2	90.4	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
9000	88.0	88.1	88.6	89.4	90.0	90.2	90.4	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
8000	87.0	88.1	88.6	89.4	90.0	90.2	90.4	90.9	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6
7000	87.2	88.3	89.0	89.9	90.4	90.7	91.0	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.9	91.9
6000	90.9	92.2	93.0	93.9	94.7	95.0	95.4	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.8	96.8
5000	91.8	93.1	93.9	94.8	95.6	95.9	96.3	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8
4000	91.8	93.1	93.9	94.8	95.6	95.9	96.3	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8
3000	92.1	93.6	94.3	95.3	96.1	96.4	96.9	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3
2000	92.1	93.6	94.3	95.3	96.1	96.4	96.9	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3
1000	92.2	93.7	94.4	95.4	96.2	96.6	97.0	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.4	98.4
500	92.7	94.1	94.9	95.9	96.7	97.0	97.4	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.9	98.9
200	92.7	94.1	94.9	95.9	96.7	97.0	97.4	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.9	98.9
100	92.7	94.1	94.9	95.9	96.7	97.0	97.4	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.9	98.9
50	92.7	94.2	95.0	96.0	96.6	97.1	97.6	98.3	98.3	98.9	98.9	98.9	98.9	98.9	99.0	99.0
20	92.7	94.2	95.0	96.0	96.6	97.1	97.6	98.3	98.3	98.9	98.9	98.9	98.9	98.9	99.0	99.0
10	92.7	94.2	95.0	96.0	96.6	97.1	97.6	98.3	98.3	98.9	98.9	98.9	98.9	98.9	99.0	99.0
5	92.7	94.7	95.4	96.6	97.4	97.8	98.2	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.7	99.7
2	92.7	94.7	95.4	96.6	97.4	97.8	98.2	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.7	99.7
1	92.7	94.7	95.4	96.6	97.4	97.8	98.2	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.7	99.7
0	92.7	94.7	95.4	96.6	97.4	97.8	98.2	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 99

JOINT CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747323 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-85
MONTH: APR HOURS (LST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
CEIL	57.4	68.2	68.4	68.6	69.7	69.9	70.0	70.0	70.2	70.6	71.8	70.8	70.8	70.8	70.8
2000	79.3	79.9	80.2	80.6	81.4	81.7	81.9	82.0	82.2	82.6	82.8	82.8	82.8	82.8	82.8
1800	79.3	79.9	80.2	80.7	81.6	81.8	82.0	82.1	82.3	82.7	82.9	82.9	82.9	82.9	82.9
1600	79.6	80.1	80.4	80.9	81.9	82.0	82.2	82.3	82.6	82.9	83.1	83.1	83.1	83.1	83.1
1400	81.8	82.3	82.7	83.1	84.2	84.4	84.8	84.9	85.1	85.4	85.7	85.7	85.7	85.7	85.7
1200	85.4	86.1	86.6	87.0	88.1	88.3	88.7	88.8	89.0	89.3	89.6	89.6	89.6	89.6	89.6
1000	89.9	90.6	91.0	91.4	92.6	92.8	93.1	93.2	93.4	93.8	94.0	94.0	94.0	94.0	94.0
900	90.1	90.8	91.2	91.7	92.8	93.0	93.3	93.4	93.7	94.0	94.2	94.2	94.2	94.2	94.2
800	90.3	91.0	91.4	91.9	93.0	93.2	93.6	93.7	93.9	94.2	94.4	94.4	94.4	94.4	94.4
700	90.3	91.0	91.4	91.9	93.0	93.2	93.6	93.7	93.9	94.2	94.4	94.4	94.4	94.4	94.4
600	92.7	93.3	93.8	94.2	95.4	95.6	96.1	96.4	96.7	97.1	97.3	97.3	97.3	97.3	97.3
500	93.4	94.1	94.6	95.0	96.2	96.6	96.9	97.3	97.6	98.0	98.2	98.2	98.2	98.2	98.2
450	93.4	94.1	94.6	95.0	96.2	96.6	96.9	97.3	97.6	98.0	98.2	98.2	98.2	98.2	98.2
400	93.4	94.4	94.9	95.3	96.6	96.9	97.2	97.7	97.9	98.3	98.6	98.6	98.6	98.6	98.6
350	93.4	94.4	94.9	95.3	96.6	96.9	97.2	97.7	97.9	98.3	98.6	98.6	98.6	98.6	98.6
300	94.0	94.9	95.3	95.8	97.0	97.3	97.7	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0
250	94.0	94.9	95.3	95.8	97.0	97.3	97.7	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0
200	94.0	94.9	95.3	95.8	97.0	97.3	97.7	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0
180	94.0	94.9	95.3	95.8	97.0	97.3	97.7	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0
160	94.0	94.9	95.3	95.8	97.0	97.3	97.7	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0
140	94.0	94.9	95.3	95.8	97.0	97.3	97.7	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0
120	94.0	94.9	95.3	95.8	97.0	97.3	97.7	98.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0
100	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.7
90	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.7
80	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.7
70	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.7
60	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.7
50	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.8	100.0	100.0	100.0	100.0	100.0
40	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.8	100.0	100.0	100.0	100.0	100.0
30	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.8	100.0	100.0	100.0	100.0	100.0
20	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.8	100.0	100.0	100.0	100.0	100.0
10	94.0	95.2	95.7	96.1	97.3	97.7	98.1	98.6	98.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

MONTH: APR HOURS(LST): 2100-2300

VISIBILITY IN STATUTE MILES															
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
17	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0

WILLIAMS OF OBSERVATIONS: 121

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747329 STATION NAME: HOLLOMAN AFH NM

PERIOD OF RECORD: 77-86

MONTH: APR HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	73.6	74.1	74.4	74.7	75.1	75.1	75.2	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	
GE 20000	82.7	82.8	83.2	83.5	83.8	83.9	84.0	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	
GE 18000	82.9	83.5	83.8	84.1	84.5	84.6	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 16000	83.0	83.7	84.1	84.3	84.7	84.7	84.8	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	
GE 14000	85.0	85.7	86.0	86.3	86.7	86.8	86.8	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	
GE 12000	88.3	88.9	89.2	89.6	89.9	90.0	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	
GE 10000	91.3	91.9	92.3	92.6	93.1	93.1	93.2	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	
GE 9000	91.4	92.0	92.4	92.7	93.1	93.2	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 8000	91.5	92.3	92.7	93.0	93.4	93.5	93.6	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	
GE 7000	91.7	92.4	92.7	93.1	93.5	93.6	93.7	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	
GE 6000	94.0	94.7	95.1	95.5	95.9	96.0	96.2	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	
GE 5000	94.7	95.5	95.9	96.3	96.7	96.9	97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	
GE 4000	95.0	95.8	96.2	96.5	97.0	97.1	97.3	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	
GE 3000	95.3	96.1	96.5	96.9	97.3	97.5	97.7	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	
GE 2000	95.4	96.2	96.6	97.0	97.5	97.6	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	
GE 1000	95.6	96.4	96.8	97.2	97.7	97.8	98.0	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	
GE 2000	95.7	96.5	97.0	97.3	97.8	97.9	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1800	95.8	96.6	97.1	97.4	97.9	98.1	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	
GE 1600	95.8	96.6	97.1	97.4	97.9	98.1	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	
GE 1400	95.8	96.7	97.1	97.5	98.0	98.1	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	
GE 1200	95.8	96.7	97.1	97.5	98.0	98.1	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.7	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.7	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1600	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1400	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	95.9	97.0	97.4	97.8	98.3	98.5	98.8	99.1</									

TOTAL NUMBER OF OBSERVATIONS: 7.36

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAY AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES															
	IN FEET	1	3	5	7	9	10	12	14	16	18	20	25	30	40	50
NO CL	82.6	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	89.1	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	89.2	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1600	89.3	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1400	89.5	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	94.5	94.6	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	95.2	95.3	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	95.7	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	95.7	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	97.6	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 250	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 180	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 160	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 140	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 120	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 90	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 80	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 70	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 60	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 53

AD-A175 364

HOLLAMAN AFB NEW MEXICO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86
USAFETAC/DS-86/866

3/4

UNCLASSIFIED

P/G 4/2

NE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9		
GE 2000	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5		
GE 1800	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8		
GE 1600	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0		
GE 1400	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0		
GE 1200	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0		
GE 1000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8		
GE 900	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2		
GE 800	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5		
GE 700	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5		
GE 600	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9		
GE 500	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 450	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 400	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 350	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 300	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 250	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 200	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 180	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 150	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 120	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 100	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 90	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 80	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 70	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 60	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 50	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 40	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 30	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 20	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 10	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
TOTAL NUMBER OF OBSERVATIONS: 330																		

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: MAY

HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 20000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 18000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 16000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 14000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 12000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 10000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 9000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 8000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 7000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 6000	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 5000	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4500	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	99.6	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7
NO CEIL	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 20000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 18000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 16000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 14000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 12000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 10000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 9000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 8000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 7000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 6000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 5000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: MAY HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1600	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1400	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	94.7	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1/2	5/8	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11
NO CEIL	69.5	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 20000	84.4	84.7	84.8	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 18000	84.7	85.1	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	85.1	85.4	85.5	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 14000	85.8	86.1	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 12000	86.2	86.5	86.6	86.7	86.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 10000	91.0	91.3	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 9000	91.1	91.4	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 8000	91.6	92.0	92.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 7000	91.9	92.4	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	95.9	97.4	97.8	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 5000	97.7	98.3	98.8	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4500	97.7	98.3	98.8	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4000	97.7	98.3	98.8	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3500	97.7	98.3	98.8	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	98.4	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 1800-2000

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	1 1	GE 1C	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.7	71.7	72.0	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 2000	84.5	84.5	84.6	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	85.1	85.1	85.4	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1600	85.4	85.4	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1400	86.0	86.0	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	89.2	89.2	89.8	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	91.5	91.5	92.2	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	91.5	91.5	92.2	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	92.0	92.0	92.7	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	92.4	92.4	93.0	93.2	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	96.5	96.5	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
GE 500	97.5	97.5	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 450	97.5	97.5	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 400	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 350	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 250	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 180	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 160	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 140	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 120	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 90	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 80	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 70	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 60	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 50	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 40	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 30	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 20	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 10	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	98.0	98.0	99.0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL		79.2	79.4	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000	88.0	88.1	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	88.1	88.2	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1600	88.3	88.4	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1400	89.1	89.2	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	92.5	92.6	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	94.2	94.3	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	94.4	94.5	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	94.5	94.6	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	94.7	94.8	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	97.7	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	98.7	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 450	98.7	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	78.5	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2000	88.0	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	88.2	88.3	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1600	88.6	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1400	89.7	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	92.0	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	94.2	94.3	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	94.6	94.7	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	95.1	95.2	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	97.9	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	98.8	99.1	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 450	98.9	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	99.0	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 350	99.0	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7441

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1600	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1400	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 450	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 350	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 250	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 180	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 160	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 140	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 120	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 90	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 80	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 70	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 60	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 50	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 40	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 30	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 20	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 10	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0300-0500

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CEILING VISIBILITY IN STATUTE MILES

IN FEET 1 5E 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 0

NO CEIL 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1

GE 2000F 89.1 89.1 89.1 89.1 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2

GE 1800F 89.2 89.2 89.2 89.2 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3

GE 1600F 89.3 89.3 89.3 89.3 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4

GE 1400F 91.3 91.3 91.3 91.3 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4

GE 1200F 94.6 94.6 94.6 94.6 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7

GE 1000F 97.4 97.4 97.4 97.4 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6

GE 900F 97.4 97.4 97.4 97.4 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6

GE 800F 97.4 97.4 97.4 97.4 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6

GE 700F 97.4 97.4 97.4 97.4 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6

GE 600F 98.8 98.8 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9

GE 500F 99.3 99.3 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4

GE 450F 99.3 99.3 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4

GE 400F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 350F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 300F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 250F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 200F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 180F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 150F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 120F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 100F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 80F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 60F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 40F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 30F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 20F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 10F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 5F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 0F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 1000F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 800F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 600F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

GE 400F 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

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TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FEET	1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	0
NO CEIL	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1600	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1400	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747520 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES																
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 20000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 18000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 16000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 14000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 12000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 10000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 9000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 8000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 7000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 6000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 5000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1600	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1400	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 450	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 350	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: JUN HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 2000	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 1600	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 1400	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 1200	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
GE 1000	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 900	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 800	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 700	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 600	97.4	98.0	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 500	98.6	99.1	99.3	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 450	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 350	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 250	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 180	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 150	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 120	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 90	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 80	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 70	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 50	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	98.9	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: JUN HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	65.4	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
GE 2000	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
GE 1800	82.3	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 1600	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 1400	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 1200	90.2	90.4	90.4	90.4	90.6	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
GE 1000	92.7	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 900	93.2	93.4	93.4	93.4	93.6	93.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 800	94.1	94.3	94.3	94.3	94.4	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 700	94.7	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 600	97.4	97.7	97.7	97.7	97.9	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	
GE 500	98.6	98.8	98.8	98.8	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	
GE 450	93.6	98.9	98.9	99.0	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	
GE 400	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 350	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 300	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 250	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 200	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 180	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 160	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 140	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 120	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 100	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 90	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 80	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 70	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 60	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 50	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 40	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 30	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 20	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 10	98.6	98.9	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 2000	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 1800	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE 1600	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE 1400	86.7	86.7	86.7	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
GE 1200	91.6	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
GE 1000	93.7	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 900	93.8	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 800	94.0	94.0	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 700	94.4	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 600	97.8	97.8	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 500	98.4	98.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 450	98.7	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	98.8	99.0	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 350	98.8	99.0	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	98.8	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 250	98.8	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 200	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 180	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 160	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 140	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 120	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 90	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 80	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 70	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 50	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	98.8	99.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 20000	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 18000	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 16000	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 14000	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 12000	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 10000	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 9000	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 8000	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 7000	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000	98.2	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 5000	99.9	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 4500	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 3500	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33
NO CEIL	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1600	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1400	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1200	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 450	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 350	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 2000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 1800	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 1600	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 1400	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 1200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 1000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 900	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 800	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 700	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 600	94.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 500	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 450	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 400	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 350	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 250	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 150	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 50	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: JUL HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1600	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1400	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 707325 STATION NAME: HULLOHAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	3	5	7	9	10	11	12	13	14	15	16	17	18	19	20
FEET	1	3	5	7	9	10	11	12	13	14	15	16	17	18	19	20	0
NO CEIL	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1800	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1600	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1400	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 450	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320

STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86

MONTH: JUL

HOURS(IST): 1200-1400

VISIBILITY IN STATUTE MILES																	
IN FEET	GE 12	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 2000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 1800	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 1600	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 1400	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
GE 1200	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
GE 1000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 900	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 800	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 700	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 450	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 350	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 250	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 180	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 160	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 150	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 120	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 9000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 8000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 5000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747325 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CEIL	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 2000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1800	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1600	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1400	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	98.9	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LOCAL): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	SE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 2000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1800	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1600	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1400	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1200	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 450	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 350	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: JUL HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	10	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 18000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 16000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 14000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 12000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 10000	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 9000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 8000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 7000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 6000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 5000	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4000	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7446

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G	
NO CEIL	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 2000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 1800	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
GE 1600	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
GE 1400	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
GE 1200	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 1000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 900	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 800	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
GE 700	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 600	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
GE 2000F	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 1800F	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 1600F	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
GE 1400F	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
GE 1200F	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
GE 1000F	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
GE 900F	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
GE 800F	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 700F	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GE 600F	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 500F	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 450F	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 400F	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 350F	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 300F	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 250F	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 200F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 180F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 160F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 140F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 120F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 80F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0F	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 236

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747325 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	5/8	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10
NO CEIL	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1800	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1600	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1400	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1200	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	94.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 450	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 350	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 250	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 180	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 160	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 140	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 120	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 90	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 80	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 70	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 60	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747323 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1600	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1400	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 20000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 18000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 16000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 14000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 10000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 9000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 8000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 7000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 6000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 5000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1600	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1400	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOHAN AFB NM

PERIOD OF RECORD: 77-80
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 8000	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 6000	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	98.7	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 75	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(1ST): 1800-2000

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U
NO CEIL	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 2000	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 1800	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1600	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1400	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1200	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 900	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	98.6	98.1	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 2000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1600	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1400	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1200	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 450	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 350	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 250	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 180	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 150	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 120	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 90	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 80	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 70	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 60	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 7432

LOCAL CLIMATOLOGY BRANCH
AFSLTAC
PER WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
0 CEIL	76.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
2000	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
1800	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
1600	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
1400	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
1200	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
1000	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
900	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
800	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
700	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
600	92.7	93.6	93.7	93.7	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
500	94.2	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
400	95.0	96.1	96.2	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
300	95.4	96.6	96.7	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
250	95.8	96.9	97.0	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
200	96.2	97.6	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
150	96.4	97.9	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
100	96.6	98.1	98.2	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
50	96.8	98.3	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
0	97.1	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
1000	97.3	98.9	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
900	97.3	98.9	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
800	97.3	98.9	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
700	97.3	98.9	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
600	97.4	99.0	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
500	97.4	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
400	97.4	99.0	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	97.4	99.0	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	97.4	99.0	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	97.4	99.0	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	97.4	99.0	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLCOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	77.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 2000	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1800	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1600	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1400	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 1200	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	87.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	87.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 700	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 600	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 200	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 100	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1600	96.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1400	96.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	97.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	97.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	97.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	97.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	68.4	68.7	69.0	69.3	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 2000	73.2	73.4	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1800	73.2	73.4	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1600	73.2	73.4	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1400	73.4	73.7	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1200	82.9	83.1	83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1000	87.8	88.3	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	87.9	88.4	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	88.7	89.2	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 700	89.1	89.7	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 600	92.2	92.8	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	93.7	93.8	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 450	93.6	94.4	94.8	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	94.6	95.4	95.8	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 350	95.1	96.0	96.3	96.4	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 300	95.3	96.2	96.6	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 250	95.9	96.7	97.2	97.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	96.1	97.1	97.4	97.6	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 180	96.1	97.1	97.4	97.6	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 150	96.1	97.1	97.4	97.6	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 120	96.3	97.3	97.7	97.9	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	96.3	97.3	97.7	98.0	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 90	96.2	97.3	97.7	98.0	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 80	96.6	97.6	97.9	98.2	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 70	96.6	97.6	97.9	98.2	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 60	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 50	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 40	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 30	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 20	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 10	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 100

AL CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

104 NUMBER: 747327 STATION NAME: HOLLOWAY AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): 0900-1100

VISIBILITY IN STATUTE MILES																			
CE	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	1	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0			
CEIL	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2000	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
1800	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
1600	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
1400	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
1200	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
1000	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
900	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
800	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
700	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
600	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
500	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
400	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
300	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
200	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
100	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6

TOTAL NUMBER OF OBSERVATIONS: 400

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(EST): 1200-1400

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 200

AL CLIMATOLOGY BRANCH
ETAL
WATHER SERVICE/MAC

PERIOD OF RECORD: 76-85

MONTH: SEP

HOURS (LST): 1500~1700

[illegible]

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLEMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13
NO CEIL	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1800	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1600	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1400	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1200	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 450	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 350	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 250	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 180	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 150	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 120	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 90	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 80	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 70	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 60	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 500

USAF CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): 2100-2300

TIME		VISIBILITY IN STATUTE MILES															
CEIL	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
CEIL	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
2000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
1500	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
1000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
1400	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
1200	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
1000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
900	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
800	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
700	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
600	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
400	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
300	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
100	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
WASAFETAC
U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLMAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: SEP HOURS(1ST): ALL

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
3000	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
2000	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
1800	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
1600	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
1400	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
1200	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
1000	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
900	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
800	89.9	89.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
700	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
600	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
500	94.6	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
400	95.0	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
300	96.8	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
200	96.2	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
100	96.6	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2500	96.9	97.8	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2000	97.1	98.0	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1800	97.2	98.1	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1600	97.3	98.3	98.5	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1400	97.5	98.5	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1200	97.6	98.7	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	97.6	98.7	98.9	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
900	97.7	98.7	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
800	97.7	98.8	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	97.7	98.8	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	97.7	98.8	99.1	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2000	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1600	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1400	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	97.7	98.8	99.1	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
SAFETYAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747327 STATION NAME: HULLMAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	79.6	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 2000	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 1600	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 1400	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 1200	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.7
GE 1000	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5
GE 800	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0
GE 600	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 400	88.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 200	89.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 000	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 5000	92.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 4500	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 4000	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 3500	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 3000	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 2500	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 2000	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 1800	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1600	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1400	97.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1200	97.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1000	97.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 000	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 5000	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 4500	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 4000	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 3500	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 3000	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 2500	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 2000	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1600	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1200	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 000	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 0300-0500

TH FELT	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8
GE 20000	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8
GE 18000	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8
GE 16000	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8
GE 14000	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
GE 12000	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
GE 10000	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2
GE 9000	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2
GE 8000	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
GE 7000	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
GE 6000	91.5	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.3
GE 5000	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
GE 4500	94.5	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3
GE 4000	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
GE 3500	95.4	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2
GE 3000	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9
GE 2500	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
GE 2000	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
GE 1800	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
GE 1500	96.7	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 1200	96.6	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 1000	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 900	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 800	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 700	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 600	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 500	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 400	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 300	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 200	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 100	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE	97.1	97.0	96.2	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 530

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
TH	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/10	GE 1/4	GE 0
NO CEIL	70.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
GE 2000	78.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4
GE 1600	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4
GE 1400	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4
GE 1200	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
GE 1000	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
GE 800	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
GE 600	88.7	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1
GE 400	89.9	89.9	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4
GE 200	90.0	90.2	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.0
GE 000	92.4	92.6	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3
GE 500	94.6	94.7	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5
GE 400	95.2	95.6	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
GE 300	95.7	96.2	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
GE 200	96.0	96.6	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
GE 100	96.2	96.8	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
GE 250	96.5	96.9	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
GE 200	96.3	97.0	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1
GE 150	96.5	97.1	97.2	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 100	96.5	97.1	97.2	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 1600	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 1400	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 1200	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 1000	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 800	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 600	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 400	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 200	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 250	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 200	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 150	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 100	96.6	97.2	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3				

TOTAL NUMBER OF OBSERVATIONS: 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 2000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1600	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1400	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 300	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 200	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 100	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1400	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 330

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

DEATH'S SERVICE/MAC

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: OCT HOURS(LST): 1200-1400

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ILLING		VISIBILITY IN STATUTE MILES			

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/RAE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIL	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2000	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1600	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1400	82.6	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1200	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	94.7	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	95.5	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 300	95.8	96.5	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	96.1	96.8	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	96.7	97.3	97.8	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	97.1	97.6	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	97.3	98.2	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	97.4	98.3	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1600	97.5	98.5	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1400	97.6	98.6	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.7	98.7	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	97.7	98.7	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.7	98.7	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.7	98.7	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.8	98.8	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.8	98.8	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.8	98.8	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.8	98.8	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.8	98.8	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	97.8	98.8	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	97.8	98.8	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: OCT

HOURS(IST): 1800-2000

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110
NO CEIL	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1600	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1400	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1200	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 450	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 350	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 250	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 180	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 160	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 140	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 120	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 90	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 80	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 70	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 60	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 50	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 40	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 30	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 20	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 10	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 750

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747327 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: OCT HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	5	4	3	2	1 1/2	1	1/2	1/4	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
NO CEIL	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1600	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1400	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 450	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 350	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 250	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 180	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 150	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 120	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 90	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 80	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 70	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 60	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 50	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 40	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 30	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 20	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 10	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFCTAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
GE 2000	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
GE 1800	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
GE 1600	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
GE 1400	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 1000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 700	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 600	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 400	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 300	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 200	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 100	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8

TOTAL NUMBER OF OBSERVATIONS: 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85

MONTH: NOV HOURS(LST): 0000-0200

CELESTIALS		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
00 0000	16.7	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6
01 0101	20.3	83.7	83.7	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2
02 0202	23.7	83.8	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
03 0303	27.0	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
04 0404	30.2	85.3	85.4	85.4	85.4	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
05 0505	33.6	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6
06 0606	37.0	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2
07 0707	40.4	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.3
08 0808	43.8	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.2
09 0909	47.2	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0
10 1010	50.6	91.7	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.3
11 1111	54.0	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.8
12 1212	57.4	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.7
13 1313	60.8	95.2	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	96.0
14 1414	64.2	95.2	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	96.0
15 1515	67.6	95.6	95.7	95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.4
16 1616	71.0	95.6	95.7	95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.4
17 1717	74.4	95.8	95.9	96.0	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.7
18 1818	77.8	95.9	96.0	96.1	96.1	96.3	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.9
19 1919	81.2	96.1	96.2	96.3	96.3	96.5	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.1
20 2020	84.6	96.7	96.8	96.													

TOTAL NUMBER OF OBSERVATIONS: 707

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0300-0500

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS (LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		76.6	76.4	76.7	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.4
GE 20000	80.4	81.2	81.4	81.6	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.4
GE 18000	81.9	81.3	81.6	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.6
GE 16000	81.7	81.4	81.7	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.7
GE 14000	82.0	82.4	82.7	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.7
GE 12000	84.2	84.7	84.9	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.9
GE 10000	87.9	88.3	88.6	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.6
GE 9000	88.1	88.6	88.8	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.8
GE 8000	88.8	89.2	89.4	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.4
GE 7000	89.0	89.4	89.7	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.7
GE 6000	89.7	90.1	90.3	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.3
GE 5000	91.2	91.7	91.9	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.9
GE 4500	91.9	92.3	92.6	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.6
GE 4000	92.4	93.2	93.4	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.4
GE 3500	93.4	93.9	94.1	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.1
GE 3000	94.0	94.7	94.9	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.9
GE 2500	94.2	94.9	95.2	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.3
GE 2000	94.6	95.3	95.7	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.8
GE 1800	94.6	95.3	95.7	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.8
GE 1600	94.6	95.3	95.8	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.9
GE 1400	94.7	95.4	96.0	96.4	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.2
GE 1200	95.1	95.9	96.4	96.9	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.7
GE 1000	95.1	95.9	96.4	96.9	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.7
GE 900	95.1	95.9	96.4	96.9	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.7
GE 800	95.1	96.2	96.6	97.2	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.0
GE 700	95.2	96.6	97.1	97.6	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.4
GE 600	95.3	96.7	97.2	97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.6
GE 500	95.3	96.7	97.2	97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7
GE 400	95.3	96.7	97.2	97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7
GE 300	95.3	96.7	97.2	97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7
GE 200	95.3	96.7	97.2	97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7
GE 100	95.3	96.7	97.2	97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7
GE	95.3	96.7	97.2	97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7

TOTAL NUMBER OF OBSERVATIONS: 201

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUSELY OBSERVATIONS

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0907-1100

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VISIBILITY IN STATUTE BOOKS

[illegible][illegible][illegible][illegible][illegible]

GE	100%	96.6	96.6	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
GE	90%	96.1	96.7	96.9	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0
GE	80%	96.1	96.7	96.9	97.6	97.6	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1
GE	70%	96.7	96.8	97.1	97.7	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2
GE	60%	96.7	96.9	97.1	97.0	97.8	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4

GE	50F	96.2	96.9	97.1	97.8	98.3	98.1	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
GF	40F	96.4	97.1	97.5	98.3	98.2	98.3	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1
BF	30F	96.4	97.1	97.7	98.3	98.3	98.4	98.4	99.2	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7
BE	20F	96.4	97.1	97.7	98.3	98.4	98.4	98.4	99.2	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7
GE	10F	96.4	97.1	97.7	98.3	98.4	98.4	98.4	99.2	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7

GE	7	95.4	97.1	97.5	98.0	98.3	98.4	98.4	99.2	99.2	99.3	99.4	99.4	99.4	99.7	99.7	100.0
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TOTAL NUMBER OF OBSERVATIONS: 200

CLIMATE BRANCH
USAF/TAC
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAY AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	75.6	73.9	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 0000	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1000	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1600	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1400	83.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	85.7	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 9000	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 7000	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 6000	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5000	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4500	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	94.8	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500	95.0	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	95.4	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	96.9	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	96.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	96.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1600	96.7	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	98.7	97.7	98.1	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 9000	98.8	97.8	98.1	98.3	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 8000	98.8	97.9	98.2	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 7000	98.8	98.2	98.7	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 6000	98.4	98.4	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 5000	98.6	98.4	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4000	98.6	98.6	99.1	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	98.6	98.6	99.1	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	98.6	98.6	99.1	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.6	98.6	99.1	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0000	98.6	98.6	99.1	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: NOV HOURS(LST): 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	73.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 20000	80.4	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 18000	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	81.7	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 14000	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 12000	84.3	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 10000	86.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	88.0	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 8000	90.3	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 7000	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 6000	92.4	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 5000	94.7	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	95.3	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4000	95.8	96.4	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	95.8	96.4	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	95.3	96.4	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	95.9	96.8	97.1	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	96.1	96.9	97.2	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	96.6	96.9	97.2	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1600	96.6	97.2	97.7	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1400	96.2	97.4	97.9	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	96.3	97.6	98.0	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.3	97.6	98.0	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	96.3	97.7	98.1	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	96.3	97.7	98.1	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	96.3	97.7	98.1	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	96.3	97.9	98.3	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	96.3	98.1	98.6	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	96.3	98.2	98.7	99.0	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	96.3	98.3	98.8	99.2	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	96.3	98.3	98.8	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	98.3	98.8	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.3	98.3	98.8	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 1	GE 3	GE 6	GE 9	GE 12	GE 15	GE 18	GE 21	GE 24	GE 27	GE 30	GE 33	GE 36	GE 39	GE 42	GE 45	GE 48
FEET	1	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48
NO CEIL	74.4	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2000	82.1	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1600	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1400	83.9	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	88.4	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	89.7	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 800	89.4	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	89.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 600	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 450	95.1	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	95.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 350	95.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	95.0	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 250	94.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	96.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 180	96.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 160	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 140	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 120	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 90	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 80	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 70	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 60	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 50	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 40	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 30	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 20	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 10	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 0	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS (LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GL 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	74.0	75.0	74.1	75.2	74.3	76.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE 20000	83.4	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
GE 18000	84.1	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 16000	84.2	84.2	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 14000	84.7	84.7	84.3	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 12000	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 10000	89.2	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 9000	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 8000	91.7	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 7000	91.7	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 6000	92.7	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 5000	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 4500	95.2	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 4000	96.2	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 3500	96.2	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 3000	96.2	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 2500	96.6	97.1	97.2	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 2000	96.6	97.1	97.3	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1800	96.6	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 1600	96.9	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 1400	97.2	98.0	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1200	97.2	98.0	98.2	98.7	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1000	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 900	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 800	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 700	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 600	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 500	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 400	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 300	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 200	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 100	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 0	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	75.7	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4		
GE 2000	82.2	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	
GE 1800	82.4	82.6	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	
GE 1600	82.5	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	
GE 1400	83.4	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	
GE 1200	85.3	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	
GE 1000	88.4	88.7	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4	
GE 900	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 800	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
GE 700	92.0	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	
GE 600	91.4	91.7	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	
GE 500	93.2	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.3	
GE 450	93.8	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	
GE 400	94.6	95.2	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	
GE 350	94.7	95.4	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	
GE 300	95.1	95.8	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.6	
GE 250	95.7	96.0	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	
GE 200	95.5	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	
GE 180	95.5	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	
GE 160	95.7	96.6	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	
GE 140	95.0	96.9	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9	
GE 120	96.1	97.0	97.3	97.6	97.8	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	
GE 100	96.1	97.0	97.3	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.2	
GE 90	96.1	97.1	97.4	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	
GE 80	96.2	97.2	97.6	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	
GE 70	96.2	97.3	97.7	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	
GE 60	96.2	97.4	97.8	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	
GE 50	96.3	97.5	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1	
GE 40	96.3	97.5	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.3	
GE 30	96.3	97.5	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.6	
GE 20	96.3	97.5	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	
GE 10	96.3	97.5	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.9	
GE 0	96.3	97.5	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/44C

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: DEC HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	75.9	77.7	77.7	77.7	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 20000	81.4	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 18000	82.1	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 16000	82.7	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 14000	83.5	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 12000	86.0	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 10000	89.7	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 9000	89.7	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 8000	89.1	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 7000	89.1	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 6000	89.9	90.7	90.7	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 5000	92.7	93.8	93.8	94.3	94.1	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4500	93.1	94.4	94.4	94.6	94.7	94.7	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4000	93.9	95.2	95.2	95.4	95.5	95.5	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	94.2	95.5	95.5	95.7	95.8	95.8	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	94.4	95.7	95.7	96.1	96.2	96.2	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	94.9	96.3	96.4	96.5	96.9	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	95.3	96.7	96.8	97.1	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	95.3	96.7	96.8	97.1	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1600	95.3	96.7	96.8	97.1	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1400	95.3	96.7	96.8	97.1	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	95.5	96.9	97.0	97.3	97.4	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 100	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 0	95.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS: 109

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: DEC

HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	76.2	76.8	76.6	76.9	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	
GE 2000	1	81.9	81.9	81.9	82.0	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	
GE 1800	1	81.4	81.9	81.9	82.0	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	
GE 1600	1	81.4	81.9	81.9	82.0	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	
GE 1400	1	82.4	82.9	82.9	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	
GE 1200	1	84.9	85.5	85.5	85.6	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	
GE 1000	1	89.1	88.6	88.6	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	
GE 900	1	88.1	88.6	88.6	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	
GE 800	1	87.7	89.2	89.2	89.4	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	
GE 700	1	86.8	89.4	89.4	89.5	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	
GE 600	1	89.8	90.3	90.3	90.4	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	
GE 500	1	92.6	93.2	93.2	93.3	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	
GE 450	1	93.1	93.8	94.0	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	
GE 400	1	93.8	94.3	94.7	94.6	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	
GE 350	1	93.9	94.8	95.1	95.2	95.5	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	
GE 300	1	94.6	95.2	95.5	95.8	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	
GE 250	1	94.1	95.3	95.6	95.9	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	
GE 200	1	94.5	95.8	96.1	96.5	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	
GE 180	1	94.6	95.9	96.2	96.6	97.0	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	
GE 150	1	94.6	96.1	96.5	96.8	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	
GE 120	1	94.6	96.1	96.5	96.8	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	
GE 100	1	94.6	96.1	96.5	96.8	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	
GE 90	1	94.6	96.1	96.5	96.8	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	
GE 80	1	94.6	96.1	96.5	96.8	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	
GE 70	1	94.7	96.2	96.6	96.9	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	
GE 60	1	94.7	96.2	96.6	96.9	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	
GE 50	1	94.9	96.5	96.8	97.2	97.6	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	
GE 40	1	94.9	96.6	96.9	97.3	97.7	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	
GE 30	1	95.1	96.8	97.1	97.7	98.3	98.3	98.6	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	
GE 20	1	95.1	96.8	97.1	97.7	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	
GE 10	1	95.1	96.8	97.1	97.7	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	
GE	1	95.1	96.8	97.1	97.7	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	

TOTAL NUMBER OF OBSERVATIONS: 950

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800

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VISIBILITY IN STATUTE MILES

NO CLIL | 73.2 73.5 73.5 73.6 73.9 74.1 74.3 74.4 74.4 74.4 74.4 74.4 74.4 74.5 74.5 74.5 75.1

GE 25500	74.4	78.8	78.8	79.0	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.3
GE 16500	75.4	78.8	78.8	79.0	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.3
GE 16500	74.4	78.8	78.8	79.0	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.3
GE 14500	80.4	80.9	80.9	81.1	81.2	81.4	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	82.4
GE 12500	82.5	82.9	82.9	83.1	83.2	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.4

GE 1000P	85.3	85.7	85.7	85.9	86.0	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	87.3
GE 9000P	85.3	85.7	85.7	85.9	86.0	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	87.3
GE 800P	85.9	86.3	86.3	86.6	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	88.0
GE 700P	86.2	86.7	86.7	86.9	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	88.3
GE 600P	87.1	87.6	87.6	87.8	88.0	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	89.2

GE	5FCU	87.6	90.2	90.2	91.4	90.5	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.8
GE	4FCU	92.9	91.5	91.5	91.7	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	93.1
GE	4FCU	91.7	92.4	92.4	92.5	92.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	94.0
GE	3FCU	92.3	93.0	93.1	93.2	93.3	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.5
GE	3FCU	93.1	94.1	94.1	94.3	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.6

GE	2500	93.3	94.3	94.4	94.6	94.7	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	96.0
GE	2700	93.7	94.6	94.7	94.9	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	96.3
GE	1FJ0	93.5	94.6	94.9	95.2	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0
GE	15J0	94.1	95.1	95.2	95.4	95.5	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.8
GE	12J0	94.3	95.4	95.5	95.7	95.9	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	97.3

GE	100%	94.3	95.4	95.5	95.7	96.0	96.2	96.6	96.8	96.8	96.6	96.9	96.9	97.0	97.0	97.0	97.6
GE	90%	94.3	95.4	95.5	95.7	96.0	96.2	96.6	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.6
GE	80%	94.3	95.7	95.8	96.0	96.3	96.6	96.9	97.1	97.1	97.1	97.2	97.2	97.3	97.4	97.4	98.1
GE	70%	94.3	95.7	95.9	96.1	96.5	96.7	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.5	97.5	98.2
GE	60%	94.3	95.7	95.9	96.1	96.5	96.7	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.5	97.5	98.2

GF	40F	94.4	95.8	96.1	96.3	96.7	96.9	97.2	97.4	97.4	97.4	97.5	97.5	97.6	97.7	97.8	98.5
GF	40F	94.4	95.8	96.1	96.3	96.7	96.9	97.2	97.4	97.4	97.4	97.6	97.6	97.8	98.0	98.1	98.7
GF	30F	94.5	95.9	96.2	96.5	96.8	97.1	97.4	97.6	97.6	97.6	97.8	97.8	98.3	98.4	98.5	99.1
GF	20F	94.5	95.9	96.3	96.6	97.0	97.3	97.8	98.2	98.2	98.2	98.4	98.4	98.8	98.9	99.0	99.7
GF	10F	94.6	96.0	96.5	96.7	97.1	97.5	98.1	98.4	98.4	98.4	98.6	98.6	99.0	99.1	99.2	99.9

6E	71	94.6	96.6	96.5	96.7	97.1	97.5	98.1	98.4	98.4	98.4	98.6	98.6	99.0	99.1	99.2	100.0
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TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85

MONTH: DEC HOURS(IST): 0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	70.3	70.6	70.6	70.6	70.8	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.3
GE 2000	78.0	78.4	78.4	78.4	78.5	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0
GE 1800	78.0	78.4	78.4	78.4	78.5	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0
GE 1600	78.0	78.4	78.4	78.4	78.5	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0
GE 1400	80.6	81.1	81.1	81.1	81.2	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7
GE 1200	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5
GE 1000	86.1	86.6	86.6	86.6	86.7	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.2
GE 900	86.2	86.7	86.7	86.7	86.8	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3
GE 800	87.0	87.4	87.4	87.4	87.5	87.5	87.5	87.7	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.1
GE 700	87.0	87.4	87.4	87.4	87.5	87.5	87.5	87.7	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.1
GE 600	87.4	87.8	87.8	87.8	88.0	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5
GE 500	89.9	90.3	90.4	90.6	90.8	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3
GE 450	90.8	91.2	91.2	91.5	91.7	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.3
GE 400	92.3	92.7	92.9	93.1	93.4	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
GE 350	92.5	92.9	93.1	93.3	93.7	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2
GE 300	93.3	94.0	94.2	94.4	94.7	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.3
GE 250	93.5	94.3	94.5	94.7	95.1	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6
GE 200	94.1	95.1	95.3	95.5	95.8	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3
GE 180	94.3	95.3	95.5	95.7	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.6
GE 150	94.4	95.5	95.7	95.9	96.2	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9
GE 120	94.5	95.7	95.8	96.2	96.5	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.2	97.2	97.3
GE 100	94.5	95.7	95.9	96.2	96.6	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.2	97.2	97.3
GE 90	94.7	95.9	96.1	96.5	96.8	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.5
GE 80	94.7	95.9	96.1	96.5	96.8	97.0	97.2	97.7	97.8	97.8	97.8	98.0	98.0	98.1	98.2	98.3
GE 70	94.7	95.9	96.1	96.5	96.8	97.0	97.2	97.7	97.8	97.8	97.8	98.0	98.0	98.1	98.2	98.3
GE 60	94.7	95.9	96.1	96.6	97.0	97.2	97.5	98.1	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.6
GE 50	94.7	96.0	96.2	96.7	97.1	97.3	97.6	98.3	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.9
GE 40	94.7	96.0	96.2	96.7	97.1	97.4	97.7	98.4	98.6	98.6	98.7	98.7	98.9	99.0	99.0	99.2
GE 30	94.7	96.1	96.3	96.8	97.2	97.5	98.1	98.7	98.9	98.9	99.1	99.1	99.5	99.6	99.6	99.9
GE 20	94.7	96.1	96.3	96.8	97.2	97.5	98.1	98.7	98.9	98.9	99.1	99.1	99.5	99.6	99.6	100.0
GE 10	94.7	96.1	96.3	96.8	97.2	97.5	98.1	98.7	98.9	98.9	99.1	99.1	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 235

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	73.7	73.8	73.8	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
GE 2000	81.1	81.2	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
GE 1800	81.2	81.3	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
GE 1600	81.4	81.5	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
GE 1400	83.7	83.8	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
GE 1200	85.8	85.9	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 1000	88.3	88.5	88.5	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 900	88.6	88.8	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 800	89.7	89.7	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 700	89.7	89.9	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 600	90.4	90.6	90.6	90.6	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 500	92.7	93.0	93.2	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE 450	92.8	93.1	93.3	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 400	94.1	94.5	94.4	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 350	94.4	94.9	95.4	95.5	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 300	95.3	95.8	96.2	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 250	95.3	95.8	96.2	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	
GE 200	95.7	95.9	96.3	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	
GE 180	95.3	95.9	96.3	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	
GE 150	95.6	96.2	96.7	97.1	97.4	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	
GE 120	95.6	96.2	96.7	97.1	97.4	97.6	97.6	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	
GE 100	95.9	96.6	97.0	97.4	97.7	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 90	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	
GE 80	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 70	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 60	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 50	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 40	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 30	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 20	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 10	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
GE 0	95.9	96.7	97.1	97.5	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	

TOTAL NUMBER OF OBSERVATIONS: 50

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85

MONTH: DEC HOURS(LST): 1500-1700

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 250

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1800-2000

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 76-85

MONTH: DEC

HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO CEIL	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	83.7	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1600	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1400	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	85.1	86.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	91.1	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	91.1	91.9	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	92.5	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	94.1	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 450	94.6	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	94.8	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 350	94.8	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 300	95.4	96.0	96.1	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 250	96.8	96.7	96.8	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 200	96.0	96.9	97.0	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 180	96.0	96.9	97.0	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 160	96.0	96.9	97.0	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 140	96.2	97.1	97.2	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 120	96.5	97.3	97.4	97.5	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 100	96.5	97.4	97.5	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 90	96.5	97.4	97.5	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 80	96.5	97.4	97.5	97.6	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 70	96.7	97.7	97.8	98.0	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 60	96.7	98.0	98.1	98.2	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 50	96.8	98.1	98.2	98.2	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 40	96.8	98.1	98.2	98.2	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 30	96.8	98.1	98.2	98.2	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 20	96.8	98.1	98.2	98.2	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 10	96.8	98.1	98.2	98.2	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	96.8	98.1	98.2	98.2	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLAMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(IST): ALL

		VISIBILITY IN STATUTE MILES															
CEILING	FEET	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	74.7	75.0	75.0	75.0	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5
GE 2000	81.0	81.3	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
GE 1800	81.1	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 1600	81.1	81.5	81.5	81.6	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
GE 1400	83.1	83.5	83.5	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 1200	85.8	86.2	86.2	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.8
GE 1000	88.4	88.8	88.8	88.9	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 900	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 700	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 600	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 400	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 300	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 200	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 100	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1600	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1400	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 400	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 300	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 100	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1600	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1400	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 400	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 300	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 100	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS: 7459

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-86

MONTH: ALL HOURS(IST): ALL

VISIBILITY IN STATUTE MILES																
CEILING	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
0000	73.5	72.8	72.3	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
1000	80.9	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
1500	81.2	81.4	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
1600	81.3	81.6	81.7	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
1800	82.6	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
1900	86.8	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
2000	90.1	90.4	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0
2500	90.3	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
3000	91.1	91.5	91.6	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1
4000	91.4	91.7	91.8	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
5000	92.7	94.1	94.2	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
6000	95.2	95.6	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4
7000	95.6	96.1	96.3	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9
8000	96.3	96.8	97.0	97.1	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
9000	96.4	97.0	97.2	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
10000	96.7	97.3	97.6	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
11000	98.4	97.5	97.8	97.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
12000	97.1	97.7	98.0	98.1	98.3	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
13000	97.1	97.8	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
14000	97.2	97.9	98.1	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
15000	97.3	98.0	98.3	98.4	98.7	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
16000	97.3	98.1	98.3	98.5	98.8	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3
17000	97.3	98.1	98.4	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
18000	97.3	98.1	98.4	98.6	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
19000	97.3	98.1	98.5	98.7	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
20000	97.4	98.2	98.5	98.7	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
21000	97.4	98.2	98.5	98.8	99.1	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
22000	97.4	98.2	98.5	98.8	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
23000	97.4	98.2	98.5	98.8	99.1	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
24000	97.4	98.2	98.5	98.8	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 87639

U S AIR FORCE
METEOROLOGICAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WHC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	29.7			31.5						21.9	16.9	4.6	918
03-05	30.1			29.3						20.7	19.9	4.7	920
06-08	15.9			36.7						27.6	19.8	5.6	918
09-11	9.9			38.8						32.8	18.5	6.0	918
12-14	8.0			43.6						28.2	20.0	5.9	928
15-17	9.5			40.2						34.7	15.6	5.9	930
18-20	15.7			39.7						28.5	16.0	5.4	929
21-23	24.7			38.2						20.5	16.6	4.7	920
TOTALS	17.9			37.3						26.9	17.9	5.4	7381

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.1			35.1						16.7	14.1	4.0	844
03-05	34.5			34.1						15.2	16.2	4.0	841
06-08	16.8			44.0						25.8	13.4	5.0	841
09-11	11.6			45.8						29.5	13.1	5.3	845
12-14	7.6			51.4						28.6	12.5	5.4	843
15-17	5.9			47.2						35.6	11.3	5.7	843
18-20	11.5			46.1						29.2	11.0	5.2	842
21-23	26.7			38.7						19.1	15.4	4.4	842
TOTALS	18.6			43.1						25.0	13.4	4.9	6741

LOCAL CLIMATOLOGY BRANCH
SAFETYAC
IN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOWMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.2			33.4						21.1	11.3	4.0	922
03-05	37.3			32.5						17.2	13.1	3.8	926
06-08	17.2			44.6						27.1	11.1	4.9	924
09-11	12.9			44.2						30.9	12.0	5.3	920
12-14	8.7			43.6						35.9	11.7	5.7	921
15-17	6.8			45.5						32.3	15.5	5.8	917
18-20	12.7			43.8						33.1	10.3	5.3	918
21-23	29.3			37.1						21.4	12.2	4.3	921
TOTALS	19.9			40.6						27.4	12.2	4.9	7369

STATION NUMBER: 747320 STATION NAME: HOLLOWMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.0			33.7						17.1	11.3	3.7	888
03-05	34.2			36.9						17.2	9.7	3.7	891
06-08	19.9			44.7						25.9	9.5	4.6	895
09-11	15.1			49.2						25.7	10.0	4.8	899
12-14	9.7			48.8						31.2	10.3	5.3	895
15-17	6.1			47.8						32.7	11.4	5.5	889
18-20	11.9			45.3						35.9	6.9	5.3	889
21-23	29.3			36.9						19.6	13.0	4.2	889
TOTALS	20.7			42.4						25.7	10.3	4.6	7135

LOCAL CLIMATOLOGY BRANCH
SAFETYAC
12 WEATHER SERVICE/HKC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02	36.9			37.6						17.0	8.5	3.5	928
03-05	27.6			46.2						19.7	6.5	3.8	928
06-08	19.7			50.7						23.3	6.4	4.2	929
09-11	13.7			58.9						20.6	6.8	4.3	930
12-14	9.2			56.6						27.1	7.0	4.8	925
15-17	6.5			54.2						32.5	6.7	5.2	922
18-20	7.6			55.4						30.0	6.9	5.1	929
21-23	29.3			43.6						19.1	8.0	3.8	925
TOTALS	18.8			50.4						23.7	7.1	4.3	7416

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 77-86
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.4			42.6						17.9	7.7	3.6	899
03-05	23.9			52.6						17.2	6.2	3.8	899
06-08	17.1			55.6						23.6	3.8	4.2	900
09-11	8.9			66.4						21.6	3.1	4.2	900
12-14	4.1			67.2						25.6	3.1	4.6	900
15-17	4.1			56.7						33.6	5.7	5.3	900
18-20	5.9			51.2						35.3	7.7	5.5	899
21-23	21.8			46.1						22.2	7.9	4.2	900
TOTALS	14.8			55.0						24.6	5.7	4.4	7197

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 IN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
 MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	11.6			54.4						24.8	9.1	4.8	930
03-05	8.4			57.6						27.5	6.5	4.9	930
06-08	3.4			59.4						33.3	3.9	5.2	930
09-11	1.2			69.6						26.7	2.6	4.7	930
12-14				62.2						35.8	2.0	5.3	930
15-17				41.6						55.3	3.1	6.5	930
18-20	.1			41.5						52.7	5.7	6.6	930
21-23	6.1			50.0						36.1	7.7	5.5	930
TOTALS	3.9			54.5						36.5	5.1	5.4	7440

STATION NUMBER: 747320 STATION NAME: HOLLoman AFB NM

PERIOD OF RECORD: 77-86
 MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	13.0			43.5						29.0	14.4	5.4	930
03-05	12.0			48.5						27.5	11.9	5.1	930
06-08	2.9			56.8						32.6	7.7	5.4	930
09-11	1.0			65.9						29.5	3.7	5.0	929
12-14				66.3						31.4	2.3	5.0	929
15-17				51.0						44.7	4.3	6.0	929
18-20	.5			46.0						43.9	9.6	6.3	927
21-23	6.0			50.4						29.8	13.8	5.6	927
TOTALS	4.4			33.6						33.6	8.5	5.5	7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
IN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	24.8			40.0						22.8	12.4	4.5	898
03-05	24.6			41.5						20.7	13.3	4.4	895
06-08	11.6			48.2						29.3	10.9	5.2	900
09-11	5.9			61.3						23.0	9.8	4.9	900
12-14	1.7			62.0						28.4	7.9	5.2	900
15-17	2.2			57.6						32.3	7.9	5.4	900
18-20	6.0			56.8						28.6	8.7	5.1	900
21-23	19.6			42.7						24.0	13.7	4.8	897
TOTALS	12.1			51.3						26.1	10.6	4.9	7190

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 76-85
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	42.6			31.7						14.0	11.7	3.4	930
03-05	41.7			35.3						11.9	11.1	3.2	927
06-08	19.6			48.3						24.4	7.8	4.4	928
09-11	17.0			48.8						26.6	7.6	4.6	930
12-14	10.8			53.8						28.7	6.8	4.9	930
15-17	9.9			52.6						29.4	8.0	5.0	930
18-20	22.0			47.4						21.9	8.6	4.3	930
21-23	39.2			34.6						14.9	11.4	3.5	930
TOTALS	25.3			44.1						21.5	9.1	4.2	7435

GAIL CLIMATOLOGY BRANCH
 ELTAC
 WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
 MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	43.0			29.3						15.6	12.1	3.5	898
03-05	45.9			28.7						11.7	13.7	3.3	898
06-08	19.6			47.8						22.3	10.3	4.5	896
09-11	14.0			49.4						26.2	10.4	4.9	897
12-14	13.2			49.3						28.2	9.2	4.9	900
15-17	13.7			44.7						31.6	10.1	5.2	900
18-20	27.0			37.7						23.1	12.1	4.4	899
21-23	40.7			30.6						15.8	13.0	3.6	900
TOTALS	27.1			39.7						21.8	11.4	4.3	7188

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 76-85
 MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	39.7			30.6						15.4	14.4	3.7	923
03-05	39.9			29.8						15.9	14.4	3.8	923
06-08	21.3			41.7						21.8	15.3	4.7	917
09-11	14.6			41.7						29.7	14.0	5.3	927
12-14	11.9			46.9						26.8	14.3	5.3	929
15-17	11.5			45.5						28.6	14.4	5.4	928
18-20	22.8			41.2						20.5	15.5	4.6	929
21-23	35.7			30.7						15.3	18.3	4.1	929
TOTALS	24.7			38.5						21.8	15.1	4.6	7405

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747320 STATION NAME: HULLOMAN AFB NM

PERIOD OF RECORD: 76-86
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN ALL	17.9			37.3						26.9	17.9	5.4	7381
FEB	18.6			43.1						25.0	13.4	4.9	6741
MAR	19.9			40.6						27.4	12.2	4.9	7369
APR	20.7			42.4						25.7	10.3	4.6	7135
MAY	18.8			50.4						23.7	7.1	4.3	7416
JUN	14.8			55.0						24.6	5.7	4.4	7197
JUL	3.9			54.5						36.5	5.1	5.4	7440
AUG	4.4			53.6						33.6	8.5	5.5	7431
SEP	12.1			51.3						26.1	10.6	4.9	7190
OCT	25.3			44.1						21.5	9.1	4.2	7435
NOV	27.1			39.7						21.8	11.4	4.3	7188
DEC	24.7			38.5						21.8	15.1	4.6	7405
TOTALS	17.4			46.0						26.2	10.5	4.8	87328

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperature, dew points, and relative humidity. The order and number of presentations follow:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * Indicates the extreme was selected from a month with one or more days missing.
- (2) # Indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

= Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

These tables have been temporarily discontinued for the Russwo pending the advent of RUSSWO-2 in mid 1986.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
747320 HOLLoman AFB NM

DAILY TEMPERATURES

42-86

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105						1.7	1.0	.1					.2
100					.4	15.6	12.0	4.6	.9				2.8
95					4.0	43.3	45.6	29.3	7.4				10.6
90			.1	1.4	22.1	75.6	77.6	67.0	32.0	1.1			23.1
85			.4	11.1	52.2	91.3	92.8	87.6	61.9	10.3			34.0
80		.2	4.0	34.3	78.6	97.5	97.9	96.8	82.4	32.4	.6		43.7
75	.2	3.2	17.9	59.7	90.9	99.1	99.3	99.3	92.2	58.7	6.4	.1	52.2
70	3.4	14.4	38.5	79.4	97.2	99.7	99.9	100.0	96.9	79.2	26.7	2.5	61.4
65	12.3	33.2	61.0	90.6	99.0	100.0	100.0		98.4	90.2	49.3	11.2	70.0
60	30.1	53.9	77.7	96.3	99.8				99.1	95.7	67.5	30.1	79.1
55	52.4	73.3	89.6	98.7	100.0				100.0	90.6	82.3	55.2	87.4
50	72.2	86.3	96.0	99.4						99.5	92.6	76.4	93.5
45	85.1	94.4	98.4	99.8						100.0	96.9	88.6	96.9
40	93.3	97.7	99.7								99.3	95.7	98.8
35	97.3	99.3	99.8	100.0							99.5	99.0	99.6
30	98.6	99.4	100.0								99.7	99.9	99.9
25	99.4	99.8									100.0	100.0	99.9
20	99.9	100.0											100.0
15	99.9												100.0
10	100.0												100.0
5													
MEAN	54.1	59.5	66.1	75.5	84.2	93.1	93.3	91.2	85.5	75.3	63.0	54.7	74.6
S D	9.401	9.093	8.837	8.041	6.839	6.276	5.679	5.592	7.285	7.814	8.868	8.166	16.216
TOTAL OBS.	1333	1215	1302	1260	1302	1260	1333	1333	1290	1333	1320	1364	15045

STATION

MOLLOMAN AFB NM

STATION NAME

42-EE

YEARS

MINIMUM

(FROM DAILY OBSERVATIONS)

MEAN
S. D.

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 74732C HOLLoman AFB NM
 STATION STATION NAME

DAILY TEMPERATURES

42-86

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
95							.1						.0
90						1.4	1.1	.1					.2
85					.2	12.5	17.6	6.6	.5				5.1
80					2.0	44.4	64.5	45.5	8.8				13.9
75				.7	18.6	75.6	92.3	85.2	39.0	1.1			26.2
70			.4	8.9	50.8	94.3	99.2	98.5	76.0	9.9			36.5
65		.2	3.1	31.3	79.7	99.1	100.0	100.0	92.0	35.5	.7		49.1
60	.3	1.6	14.7	59.0	93.5	100.0			97.9	66.3	5.3	.3	53.2
55	3.2	10.3	38.6	81.6	98.5				99.5	86.2	23.3	3.4	62.0
50	13.4	32.3	64.5	93.4	99.8				100.0	95.8	50.3	13.1	71.7
45	35.0	58.4	84.8	98.3	100.0					99.1	75.2	34.1	81.9
40	63.7	80.1	94.5	99.7						100.0	89.3	65.2	92.9
35	83.1	92.8	98.9	99.9							97.5	86.7	96.5
30	93.2	98.7	99.8	100.0							99.8	96.6	98.9
25	97.1	99.3	100.0								99.8	99.6	99.6
20	98.9	99.8									99.8	99.9	99.9
15	99.4	99.9									100.0	100.0	99.9
10	99.8	100.0											100.0
5	99.9												100.0
-5	100.0												100.0
MEAN	41.3	45.6	51.9	60.7	69.1	76.4	80.7	78.8	72.7	61.7	49.0	41.9	61.0
S.D.	7.860	7.405	7.268	6.859	6.025	5.464	4.113	4.065	5.527	6.383	7.222	6.671	15.611
TOTAL OBS.	1333	1215	1302	1260	1302	1260	1333	1333	1290	1333	1320	1364	15645

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

WHOLE DEGREES FAHRENHEIT													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42									92	83	79	71	
43	72	73	86	94	96	100	103	100	96	85	78	62	103
44	66	67	77	80	90	101	102	103	95	87	79	64	103
45	78	75	79	90	97	102	102	104	102	83	81	68	104
46	71	76					104	103	96	84	71	65	
47											76	66	
48	67	71	76	91	95	102	101	98	99	86	73	70	102
49	62	73	77	90	92	101	101	97	92	86	78	65	101
50	73	74	82	88	94	102	99	100	96	90	80	73	102
51	70	76	76	84	103	107	107	104	100	92	72	75	107
52	74	71	76	65	95	102	100	104	100	90	81	67	104
53	74	73	84	87	100	105	104	101	97	88	74	69	105
54	73	81	80	90	96	107	105	101	96	88	74	74	107
55	67	71	79	86	90	102	100	97	95	87	75	71	102
56	69	77	82	85	99	102	101	99	100	91	75	64	102
57	70	79	77	83	92	106	105	96	93	86	70	66	106
58	68	74	73	90	98	104	105	99	97	83	75	73	105
59	70	72	77	89	93	101	100	99	98	86	75	63	101
60	65	66	84	89	97	105	105	98	93	86	75	60	105
61	61	73	78	89	96	100	101	100	92	87	69	69	101
62	63	78	79	88	94	99	94	100	91	83	74	62	100
63	71	76	84	88	95	100	103	96	91	85	72	62	103
64	68	63	75	84	97	97	108	100	97	84	73	65	108
65	70	71	75	93	92	96	99	97	90	87	76	63	99
66	63	64	80	83	94	97	103	97	88	83	77	68	103
67	69	70	79	83	91	96	96	94	90	66	73	64	96
68	65	69	78	79	96	105	98	93	92	90	77	65	105
69	74	71	82	87	96	102	99	100	91	89	73	68	102
70	71	71	75	87	95	104	100	97	100	83	75	71	104
71	73	74	80	91	88	97	100	90	92	79	73	70	100

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

WHOLE DEGREES FAHRENHEIT

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
72	73	79	82	90	92	101	103	100	86	90	69	65	103
73	64	74	76	84	92	104	103	98	94	91	82	75	104
74	69	74	85	89	96	102	99	97	96	83	72	67	102
75	76	73	80	88	94	101	101	99	91	87	77	68	101
76	65	74	77	85	95	101	96	106	93	80	70	60	106
77	60	75	76	88	96	107	102	104	97	88	78	74	107
78	67	72	85	85	96	105	103	99	90	85	75	68	105
79	63	75	76	86	90	102	105	96	98	91	75	72	105
80	70	74	73	87	92	107	103	103	94	89	79	69	107
81	65	72	78	89	92	109	103	96	92	81	73	69	109
82	66	75	80	87	94	101	102	97	99	87	73	65	102
83	61	69	82	82	90	101	103	96	98	86	76	65	103
84	65	70	79	87	99	97	100	96	95	81	77	65	100
85	64	71	81	85	95	103	103	99	95	84	74	67	103
86	77	81	81	86	97	95	96	94					
MEAN	68.2	73.3	79.3	86.9	94.4	101.9	101.6	98.8	94.6	86.0	75.1	67.3	103.3
S.D.	4.363	7.813	3.719	3.199	3.077	3.289	2.962	3.315	3.652	3.177	3.187	3.452	2.651
TOTAL OBS.	1333	1215	1302	1260	1302	1260	1333	1333	1290	1333	1320	1364	15645

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

WHOLE DEGREES FAHRENHEIT													
YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42						JUN	JUL		42	35	20	20	
43	15	19	19	31	34	54	60	62	46	33	12	18	12
44	14	18	18	23	31	50	60	56	49	38	21	14	14
45	20	20	22	25	42	44	55	60	38	32	18	12	12
46	17	18					61	60	54	35	22	19	
47											22	14	
48	14	13	22	27	41	57	63	61	45	38	13	17	14
49	10	20	28	28	45	54	57	58	52	34	29	13	10
50	14	28	25	33	35	51	62	59	48	42	15	16	14
51	17	0	22	28	35	50	66	61	50	38	20	16	0
52	20	20	19	37	45	56	61	62	49	37	18	17	17
53	19	15	21	30	36	55	65	60	48	30	23	2	2
54	14	22	25	37	38	54	63	62	58	37	26	11	11
55	17	15	23	35	41	53	61	61	55	35	24	22	15
56	19	10	18	30	46	61	61	61	54	32	15	11	10
57	16	27	30	34	44	55	63	63	50	35	19	17	16
58	15	25	28	33	46	60	63	61	51	37	18	11	11
59	13	24	21	33	41	56	62	63	50	43	15	19	13
60	15	10	27	36	40	53	63	58	51	32	26	14	10
61	22	24	25	35	44	51	63	62	49	38	28	24	22
62	-11	22	20	32	37	48	61	58	50	35	22	18	-11
63	6	7	23	32	46	52	62	58	49	41	19	12	6
64	2	13	18	33	37	47	64	56	48	34	17	6	2
65	17	14	12	36	36	46	60	60	43	37	21	21	12
66	12	16	14	30	43	53	64	55	53	34	23	4	4
67	0	11	19	33	26	51	60	55	46	28	27	16	0
68	12	22	27	28	46	50	62	62	44	31	26	12	12
69	20	21	22	37	37	55	63	62	52	33	16	17	16
70	7	19	27	26	36	49	63	61	45	26	20	16	7
71	-2	11	9	32	37	44	59	56	38	29	23	19	-2

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 747320 STATION NAME: HOLLOMAN AFB NM

PERIOD OF RECORD: 42-86

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
72	7	14	23	27	39	56	60	60	43	35	23	18	7
73	11	23	31	28	40	50	60	57	44	34	21	8	8
74	13	9	25	26	40	47	60	54	45	34	23	17	9
75	22	26	28	29	36	54	62	58	44	37	20	17	17
76	16	17	21	29	41	51	60	58	44	31	3	15	3
77	15	20	19	31	47	59	64	65	56	38	26	13	13
78	19	17	28	35	38	54	60	57	49	37	32	16	16
79	14	24	26	30	38	50	57	58	52	29	17	13	13
80	23	19	22	25	44	52	66	60	58	27	19	19	19
81	26	21	29	31	43	53	52	60	51	29	22	18	18
82	12	16	22	35	42	49	63	64	58	30	27	20	12
83	16	25	29	29	36	50	60	59	48	42	27	15	15
84	16	20	25	30	44	56	61	58	50	39	23	25	16
85	20	15	25	34	40	49	57	57	47	39	23	15	15
86	17	26	31	34	36	46	55	60					
MEAN	13.6	18.1	23.0	31.1	39.7	52.0	61.0	59.5	48.6	34.7	21.0	15.4	10.0
S.D.	7.525	5.967	4.924	3.637	4.532	3.997	7.887	2.539	4.473	4.134	5.194	4.696	6.928
TOTAL ODC	1333	1215	1302	1260	1302	1260	1333	1333	1290	1333	1320	1364	15645

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 HRS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747320 HOLLOMAN AFB NM

76-86

STATION		STATION NAME												YEARS	
HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	35.5	39.1	45.6	53.6	60.5	70.6	74.0	71.2	65.7	53.0	42.2	35.6	54.0	
	S.D.	6.948	7.709	7.922	8.640	6.615	6.983	5.317	4.689	5.747	7.436	8.646	7.913	15.497	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955	
03-05	MEAN	33.7	36.5	42.0	49.3	56.0	65.7	69.6	67.8	62.3	50.0	39.6	33.5	50.0	
	S.D.	7.116	7.827	7.906	8.673	6.883	6.752	4.861	4.043	5.566	7.474	8.688	7.891	14.825	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
06-08	MEAN	32.8	35.6	43.0	52.8	61.7	70.8	73.5	70.1	64.0	51.2	39.6	32.8	52.4	
	S.D.	7.033	7.827	8.290	9.430	7.616	7.442	6.017	5.142	6.313	8.088	9.023	7.818	16.630	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
09-11	MEAN	41.7	47.2	55.8	65.4	73.6	82.9	84.3	80.5	74.9	63.4	51.6	43.1	63.8	
	S.D.	7.742	8.605	8.103	9.007	7.295	7.591	5.800	5.783	7.265	8.302	9.711	8.318	16.930	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
12-14	MEAN	49.7	55.5	63.0	71.8	79.9	89.7	90.5	86.9	81.5	70.5	59.3	51.8	70.9	
	S.D.	8.065	8.762	8.323	9.311	7.325	8.045	6.147	6.020	7.968	8.759	10.213	6.482	16.449	
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955	
15-17	MEAN	51.5	57.9	65.0	73.7	81.5	91.4	91.4	88.1	82.7	71.8	59.9	52.6	72.3	
	S.D.	7.998	8.854	8.285	9.255	7.634	8.277	7.288	6.606	8.295	8.907	10.251	8.405	16.466	
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955	
18-20	MEAN	43.0	49.9	58.2	67.6	75.8	85.7	86.4	82.5	76.0	63.0	50.5	43.1	65.2	
	S.D.	7.205	8.369	8.245	9.093	7.975	8.436	7.158	6.571	7.595	8.024	9.107	7.591	17.445	
	TOTAL OBS	929	846	930	900	930	900	930	927	900	930	900	930	10952	
21-23	MEAN	38.2	43.2	50.7	59.1	66.3	76.2	78.7	75.4	69.5	56.7	45.2	38.5	58.2	
	S.D.	7.029	7.596	7.631	8.333	7.099	7.018	5.795	5.190	6.143	7.405	8.804	7.585	16.083	
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	930	10953	
ALL HOURS	MEAN	40.7	45.6	52.9	61.7	69.4	79.1	81.0	77.8	72.1	60.0	48.5	41.4	60.9	
	S.D.	9.932	11.399	11.642	12.468	11.597	11.777	9.853	9.183	10.108	11.331	12.062	10.783	18.097	
	TOTAL OBS	7439	6768	7440	7200	7440	7200	7440	7432	7200	7440	7200	7439	87638	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747320 HOLLOMAN AFB NM

76-86

STATION		STATION NAME				YEARS									
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	31.2	33.0	36.6	41.4	47.1	55.0	61.2	62.3	57.6	46.6	36.6	31.2	45.0	
	S. D.	6.006	6.174	6.083	6.499	6.036	5.798	3.572	3.270	4.718	6.847	7.497	6.633	12.660	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955	
03-05	MEAN	29.9	31.4	34.5	39.3	44.9	53.0	59.6	60.9	56.0	44.8	35.0	29.7	43.3	
	S. D.	6.224	6.448	6.318	6.962	6.326	6.263	3.968	3.539	5.063	7.138	7.666	6.770	12.786	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
06-08	MEAN	29.4	31.0	35.3	41.6	48.4	56.0	61.5	62.1	57.1	45.6	35.0	29.3	44.4	
	S. D.	6.232	6.520	6.423	7.105	5.999	5.462	3.698	3.563	5.142	7.263	7.941	6.796	13.571	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
09-11	MEAN	35.3	38.2	42.6	47.9	53.7	60.7	65.3	65.8	61.7	52.0	42.2	36.1	50.2	
	S. D.	5.773	5.911	5.101	5.828	4.970	4.124	2.573	2.605	4.015	6.180	7.371	6.279	12.079	
	TOTAL OBS	930	845	930	900	930	900	927	930	900	930	900	930	10952	
12-14	MEAN	39.7	42.2	45.4	50.2	55.4	62.2	66.2	66.8	63.0	54.3	45.6	40.6	52.7	
	S. D.	5.312	5.347	4.659	5.365	4.499	3.637	2.305	2.369	3.653	5.544	6.795	5.734	10.784	
	TOTAL OBS	929	845	930	900	930	930	930	929	900	930	900	930	10953	
15-17	MEAN	40.4	42.8	45.8	50.6	55.7	62.2	65.8	66.4	62.6	54.2	45.6	41.2	52.8	
	S. D.	5.165	5.053	4.488	4.992	4.057	3.321	2.285	2.383	3.449	5.213	6.655	5.615	10.384	
	TOTAL OBS	929	846	930	900	930	900	930	929	900	930	900	930	10954	
18-20	MEAN	36.0	39.2	42.7	47.9	53.2	60.1	64.5	65.2	60.9	51.2	41.2	36.1	49.9	
	S. D.	5.545	5.414	4.883	5.248	4.410	3.780	2.474	2.611	3.921	5.895	7.052	5.902	11.575	
	TOTAL OBS	929	846	930	900	930	900	930	927	900	930	900	930	10952	
21-23	MEAN	33.0	35.5	39.2	44.1	49.5	56.8	62.6	63.5	59.0	48.3	38.3	33.1	47.0	
	S. D.	5.851	5.811	5.392	5.780	5.449	4.929	3.141	3.017	4.414	6.496	7.349	6.166	12.215	
	TOTAL OBS	930	846	930	900	930	900	930	926	900	930	900	930	10952	
ALL HOURS	MEAN	34.4	36.7	40.2	45.4	51.0	58.2	63.3	64.1	59.7	49.6	39.9	34.7	48.2	
	S. D.	6.999	7.294	6.884	7.264	6.488	5.785	3.832	3.609	5.011	7.288	8.361	7.626	12.536	
	TOTAL OBS	7437	6766	7440	7200	7440	7200	7437	7431	7200	7440	7200	7439	87630	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747320

HOLLoman AFB NM

76-86

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	24.4	23.8	23.9	26.2	32.7	41.6	52.9	56.9	51.8	40.1	29.1	24.0	35.7	
	S.D.	7.747	8.406	9.508	10.471	11.647	12.350	7.230	5.886	7.213	9.588	9.488	8.586	15.167	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955	
03-05	MEAN	23.6	23.3	23.4	26.1	32.5	41.6	52.8	56.5	51.4	39.4	28.5	23.2	35.3	
	S.D.	7.793	8.479	9.624	10.617	11.263	12.065	7.065	5.715	7.195	9.418	9.381	8.536	15.208	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
06-08	MEAN	23.4	23.3	24.2	28.1	34.8	43.9	53.9	57.3	52.2	40.0	28.5	23.1	36.1	
	S.D.	7.578	8.448	9.473	10.424	10.780	11.018	6.496	5.511	7.042	9.317	9.522	8.433	15.277	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
09-11	MEAN	26.5	26.6	26.6	29.3	35.8	44.8	54.4	57.7	53.4	42.3	31.4	26.7	38.0	
	S.D.	7.242	8.180	8.780	9.768	10.626	10.271	5.968	5.234	6.752	9.405	9.696	8.376	14.366	
	TOTAL OBS	930	845	930	900	930	900	927	930	900	930	900	930	10952	
12-14	MEAN	27.2	25.9	25.1	28.2	34.1	43.1	52.4	56.0	51.6	40.8	30.7	27.4	37.0	
	S.D.	7.577	8.679	8.314	8.963	9.581	9.339	6.332	5.434	7.212	9.502	9.859	8.601	13.803	
	TOTAL OBS	929	845	930	900	930	900	930	929	900	930	900	930	10953	
15-17	MEAN	26.7	24.6	23.6	27.5	33.3	41.8	50.9	54.4	49.9	39.3	29.9	27.3	35.8	
	S.D.	7.950	8.735	7.964	8.266	8.796	8.774	6.921	5.887	7.673	9.593	9.807	8.783	13.527	
	TOTAL OBS	929	846	930	900	930	900	930	929	900	930	900	930	10954	
18-20	MEAN	26.5	25.1	23.5	26.6	32.3	41.1	51.3	55.3	50.9	40.4	30.1	26.5	35.9	
	S.D.	8.001	8.828	8.816	9.091	9.760	10.024	7.170	6.138	7.781	9.714	9.739	8.444	14.071	
	TOTAL OBS	929	846	930	900	930	900	930	927	900	930	900	930	10952	
21-23	MEAN	25.3	24.7	23.9	26.5	32.4	40.9	52.4	56.5	51.7	40.3	29.5	24.9	35.8	
	S.D.	7.909	8.587	9.243	10.195	11.411	11.948	7.482	6.007	7.565	9.752	9.576	8.385	14.850	
	TOTAL OBS	930	846	930	900	930	900	930	926	900	930	900	930	10952	
ALL HOURS	MEAN	25.4	24.7	24.3	27.3	33.5	42.3	52.6	56.3	51.6	40.3	29.7	25.4	36.2	
	S.D.	7.854	8.613	9.034	9.816	10.588	10.873	6.936	5.819	7.367	9.571	9.677	8.677	14.570	
	TOTAL OBS	7437	6766	7440	7200	7440	7200	7437	7431	7200	7440	7200	7439	87630	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 77-86 JAN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.9	99.1	95.6	85.1	58.7	36.0	18.4	6.5	65.5	930
	03-05	100.0	100.0	99.6	96.7	88.0	65.4	41.0	23.3	6.7	67.9	930
	06-08	100.0	100.0	100.0	97.6	90.9	73.1	45.4	24.9	6.2	69.4	930
	09-11	100.0	99.7	96.1	82.8	61.9	38.3	22.5	12.9	2.5	57.3	930
	12-14	100.0	96.7	78.6	51.7	29.1	18.3	10.9	4.7	.2	44.7	929
	15-17	100.0	93.0	68.9	42.2	24.1	15.5	9.7	3.4		41.3	929
	18-20	100.0	99.6	92.6	78.1	54.3	34.6	21.2	11.6	2.4	54.9	929
	21-23	100.0	99.7	98.5	91.6	71.3	49.1	30.4	17.3	4.5	61.8	930
TOTALS		100.0	98.6	91.7	79.5	63.1	44.1	27.1	14.6	3.6	57.9	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 77-86 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	98.9	93.6	83.9	60.8	39.5	20.1	10.4	2.2	56.6	846
	03-05	100.0	99.5	96.7	88.9	73.8	49.1	28.6	15.5	4.7	61.0	846
	06-08	100.0	99.6	97.8	91.8	77.3	55.2	32.0	16.4	5.3	62.9	846
	09-11	100.0	96.6	82.5	60.8	38.1	22.0	12.8	6.9	2.6	48.0	845
	12-14	100.0	81.2	51.6	29.3	14.9	10.1	6.6	2.2	.7	35.3	845
	15-17	100.0	70.3	37.5	20.6	11.9	8.5	5.1	2.5	.5	31.2	846
	18-20	100.0	89.5	68.2	45.0	26.2	15.5	9.1	4.4	1.5	41.6	846
	21-23	100.0	97.2	89.5	70.8	46.7	25.5	14.4	7.4	2.5	50.9	846
TOTALS		100.0	91.6	77.2	61.4	43.7	28.2	16.1	8.2	2.5	48.4	6766

RELATIVE HUMIDITY

747320	HOLLOMAN AFB NM	77-86	MAR
STATION	STATION NAME	PERIOD	MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	96.5	79.8	53.0	33.2	19.4	11.5	4.7	1.1	45.5	930
	03-05	100.0	97.8	86.3	65.8	45.9	27.2	16.3	8.3	2.3	50.8	930
	06-08	100.0	97.6	87.0	65.2	45.8	28.2	16.5	7.8	2.4	50.6	930
	09-11	100.0	84.8	53.3	28.5	16.3	9.7	5.1	1.8	.2	35.6	930
	12-14	98.8	58.9	24.7	11.8	6.7	3.2	1.4	.3	.1	26.0	930
	15-17	98.9	44.6	18.0	7.6	4.0	1.8	.8	.2		22.8	930
	18-20	99.9	67.8	33.2	17.0	9.6	4.5	2.9	1.3	.3	29.0	930
	21-23	99.9	89.1	62.4	34.7	18.9	10.3	4.5	1.7	.3	37.9	930
TOTALS		99.7	79.6	55.6	35.5	22.6	13.0	7.4	3.3	.8	37.3	7440

RELATIVE HUMIDITY

747320	HOLLOMAN AFB NM	77-86	APR
STATION	STATION NAME	PERIOD	MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	87.6	61.3	35.1	19.1	9.6	4.7	2.4	.2	37.6	900
	03-05	100.0	95.0	76.0	50.9	29.4	15.8	7.3	3.3	.7	43.3	900
	06-08	100.0	93.3	71.1	43.7	25.6	14.4	7.0	3.4	.9	41.5	900
	09-11	98.9	67.7	32.6	14.9	7.6	3.7	2.7	1.6	.6	28.5	900
	12-14	96.9	38.0	15.3	7.4	3.7	2.3	1.8	1.1	.3	22.0	900
	15-17	96.6	29.2	11.2	5.8	2.9	2.2	2.0	.8	.4	20.0	900
	18-20	98.3	45.4	19.9	10.2	5.0	3.0	2.7	1.3	.6	23.9	900
	21-23	99.7	75.6	43.0	21.6	11.4	6.3	2.9	1.3	.4	31.6	900
TOTALS		98.8	66.5	41.3	23.7	13.1	7.2	3.9	1.9	.5	31.1	7200

RELATIVE HUMIDITY

MAY

MONTH _____

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	86.7	56.6	36.9	23.2	15.3	7.6	3.0	2.2	38.9	930
	03-05	100.0	95.2	71.2	47.7	32.5	21.2	12.4	5.1	2.2	44.4	930
	06-08	100.0	88.3	60.0	41.5	25.7	16.1	8.1	3.8	1.7	40.3	930
	09-11	98.8	60.5	34.5	18.3	8.3	5.3	2.3	1.0	.2	28.3	930
	12-14	97.1	38.1	16.1	5.7	3.0	1.0	.3	.1		21.1	930
	15-17	95.7	28.3	11.4	6.2	3.3	1.9	1.2	.3		19.5	930
	18-20	98.6	40.1	20.3	10.6	6.5	4.0	1.8	.8	.2	23.2	930
	21-23	100.0	70.0	39.8	22.8	15.2	7.4	4.8	2.5	1.2	31.9	930
TOTALS		98.8	63.4	38.7	23.7	14.7	9.0	4.8	2.1	1.0	31.0	7440

AD-A175 364

HOLLOMAN AFB NEW MEXICO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86
USAFETAC/DS-86/066 F/C 4/2

4/4

UNCLASSIFIED

NL

END
DATE
FORMED
2-87
BY



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

RELATIVE HUMIDITY

JUN
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	99.6	82.0	61.7	40.4	25.3	16.1	8.6	4.2	2.0	39.4	900
	03-05	100.0	91.6	72.4	54.6	34.9	22.4	12.3	5.7	2.8	45.4	900
	06-08	99.7	87.8	68.1	47.1	28.9	16.9	9.2	4.1	2.1	42.0	900
	09-11	95.3	66.8	40.1	20.0	11.4	6.8	2.4	1.3	.2	29.9	900
	12-14	90.1	42.8	17.7	10.0	5.0	2.8	1.4	.4	.1	22.5	900
	15-17	86.1	33.4	16.1	8.4	3.9	2.2	1.2	.7	.2	20.4	900
	18-20	94.4	45.2	24.0	15.2	8.7	4.7	2.0	.4	.3	24.4	900
	21-23	98.1	67.9	42.2	26.0	17.1	10.6	4.8	2.7	.7	32.5	900
TOTALS		95.4	64.7	42.8	27.7	16.9	10.3	5.2	2.4	1.1	32.1	7200

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320

HOLLOMAN AFB NM

77-86

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	98.5	89.7	66.6	40.9	28.6	15.5	7.1	.8	50.5	930
	03-05	100.0	99.4	97.0	85.4	59.5	37.6	22.7	13.3	3.7	57.4	930
	06-08	100.0	98.9	94.4	73.8	48.1	30.3	16.0	9.1	2.0	53.0	930
	09-11	100.0	95.5	67.5	34.2	16.0	7.2	2.2	1.0	.3	37.9	927
	12-14	99.6	77.0	36.2	15.2	5.7	1.8	.9	.4	.1	29.3	930
	15-17	99.4	64.0	30.9	17.3	7.6	3.1	1.2			27.8	930
	18-20	100.0	78.1	47.7	27.4	13.7	6.5	2.8	.9	.1	32.9	930
	21-23	100.0	94.9	75.7	46.5	28.7	18.0	8.2	4.2		43.1	930
TOTALS		99.9	88.3	67.4	45.8	27.5	16.6	8.7	4.5	.9	41.5	7437

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320
STATION

HOLLOMAN AFB NM
STATION NAME

77-86
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	99.7	98.6	89.1	74.6	53.8	29.2	18.1	6.7	62.7	930
	03-05	100.0	99.9	99.0	97.3	86.9	69.1	43.4	24.9	8.5	68.8	930
	06-08	100.0	99.9	98.6	95.1	82.2	61.0	37.2	19.7	7.2	65.9	930
	09-11	100.0	98.6	90.9	65.1	37.0	19.0	8.9	4.3	1.0	48.0	930
	12-14	100.0	94.7	64.9	30.8	13.1	5.8	2.5	1.5	.8	36.9	929
	15-17	100.0	88.1	52.6	22.8	10.9	6.9	2.8	1.2	.1	34.1	929
	18-20	100.0	95.7	73.1	46.9	23.9	14.2	7.7	3.7	.4	42.2	927
	21-23	100.0	99.2	94.8	76.2	54.0	33.2	17.6	9.1	2.8	54.4	926
TOTALS		100.0	97.0	84.1	65.4	47.8	32.9	18.7	10.3	3.4	51.6	7431

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320

HOLLOMAN AFB NM

76-85

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	98.7	90.1	71.1	51.9	34.4	21.0	8.3	63.3	900
	03-05	100.0	100.0	99.3	96.0	85.2	64.9	47.2	28.0	12.1	69.3	900
	06-08	100.0	100.0	99.9	93.9	81.0	61.3	43.2	28.1	10.7	67.7	900
	09-11	100.0	99.0	85.9	65.0	43.0	26.8	15.0	8.0	2.4	50.1	900
	12-14	100.0	90.1	60.1	35.8	20.0	12.8	7.0	4.7	1.3	38.7	900
	15-17	100.0	84.2	48.2	28.1	17.7	11.4	7.7	5.1	1.3	35.8	900
	18-20	100.0	95.7	73.0	48.3	32.2	22.1	13.8	9.2	2.9	45.5	900
	21-23	100.0	99.9	94.8	73.1	52.2	38.3	24.3	15.1	5.6	56.3	900
TOTALS		100.0	96.1	82.5	66.3	50.3	36.2	24.1	14.9	5.6	53.3	7200

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

1
2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

747320
STATION

HOLLOMAN AFB NM
STATION NAME

76-85
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	96.7	87.8	73.7	56.0	39.1	24.0	8.3	64.3	930
	03-05	100.0	100.0	98.8	94.0	84.0	67.8	47.5	30.0	10.5	69.0	930
	06-08	100.0	100.0	98.5	93.1	80.4	64.6	46.9	28.1	10.1	67.9	930
	09-11	100.0	97.3	82.8	62.8	41.5	26.8	15.5	7.2	1.8	49.5	930
	12-14	100.0	85.4	57.8	34.7	20.1	11.3	6.5	2.9	.8	37.6	930
	15-17	100.0	79.0	48.2	25.4	17.0	10.0	6.3	4.1	1.1	34.6	930
	18-20	100.0	95.6	77.6	55.3	35.6	24.6	16.2	8.5	1.8	47.3	930
	21-23	100.0	99.6	93.8	77.1	57.7	39.8	28.0	15.7	4.6	57.3	930
TOTALS		100.0	94.6	81.8	66.3	51.3	37.6	25.8	15.1	4.9	53.4	7440

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320

HOLLOMAN AFB NM

76-85

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.9	98.1	89.2	70.2	50.3	33.8	16.6	5.2	62.0	900
	03-05	100.0	100.0	99.3	94.3	79.9	60.0	41.0	23.9	7.8	66.2	900
	06-08	100.0	100.0	99.1	94.0	81.6	61.0	41.3	24.0	7.8	66.6	900
	09-11	100.0	98.3	84.7	60.6	41.7	26.6	16.4	6.0	2.3	49.4	900
	12-14	100.0	84.3	54.6	34.0	20.9	12.1	8.0	3.7	.8	37.5	900
	15-17	100.0	81.4	49.3	31.1	18.0	10.7	7.2	4.1	1.7	36.0	900
	18-20	100.0	98.0	84.9	58.6	38.9	26.9	15.3	7.9	2.3	48.9	900
	21-23	100.0	99.9	94.2	80.3	56.9	40.0	26.0	12.1	3.1	56.9	900
TOTALS		100.0	95.2	83.0	67.8	51.0	36.0	23.6	12.3	3.9	52.9	7200

USAFETAC

FORM
JUL 64

0-87-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320

HOLLOMAN AFB NM

76-85

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.6	97.6	91.0	80.6	63.0	36.6	19.5	4.7	64.7	929
	03-05	100.0	99.9	98.1	94.2	86.2	68.0	44.8	23.4	6.8	67.8	930
	06-08	100.0	99.8	98.7	95.3	88.9	73.4	49.4	25.9	6.2	69.3	930
	09-11	100.0	98.6	92.3	79.1	57.4	37.4	19.4	10.8	2.4	55.2	930
	12-14	100.0	94.1	71.2	45.2	25.9	14.4	9.1	4.3	1.2	42.2	930
	15-17	100.0	91.7	65.4	41.4	24.5	14.0	8.4	4.3	1.5	40.9	930
	18-20	100.0	98.2	91.0	77.8	59.6	35.8	16.6	7.3	1.2	54.6	930
	21-23	100.0	99.4	95.9	87.2	72.3	51.9	26.8	12.6	3.0	60.4	930
TOTALS		100.0	97.7	88.8	76.4	61.9	44.7	26.4	13.5	3.4	56.9	7439

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320

HOLLOMAN AFB NM

76-86

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	98.6	91.7	79.5	63.1	44.1	27.1	14.6	3.6	57.9	7437
FEB		100.0	91.6	77.2	61.4	43.7	28.2	16.1	8.2	2.5	48.4	6766
MAR		99.7	79.6	55.6	35.5	22.6	13.0	7.4	3.3	.8	37.3	7440
APR		98.8	66.5	41.3	23.7	13.1	7.2	3.9	1.9	.5	31.1	7200
MAY		98.8	63.4	38.7	23.7	14.7	9.0	4.8	2.1	1.0	31.0	7440
JUN		95.4	64.7	42.8	27.7	16.9	10.3	5.2	2.4	1.1	32.1	7200
JUL		99.9	88.3	67.4	45.8	27.5	16.6	8.7	4.5	.9	41.5	7437
AUG		100.0	97.0	84.1	65.4	47.8	32.9	18.7	10.3	3.4	51.6	7431
SEP		100.0	96.1	82.5	66.3	50.3	36.2	24.1	14.9	5.6	53.3	7200
OCT		100.0	94.6	81.8	66.3	51.3	37.6	25.8	15.1	4.9	53.4	7440
NOV		100.0	95.2	83.0	67.8	51.0	36.0	23.6	12.3	3.9	52.9	7200
DEC		100.0	97.7	88.8	76.4	61.9	44.7	26.4	13.5	3.4	56.9	7439
TOTALS		99.4	86.1	69.6	53.3	38.7	26.3	16.0	8.6	2.6	45.6	87630

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

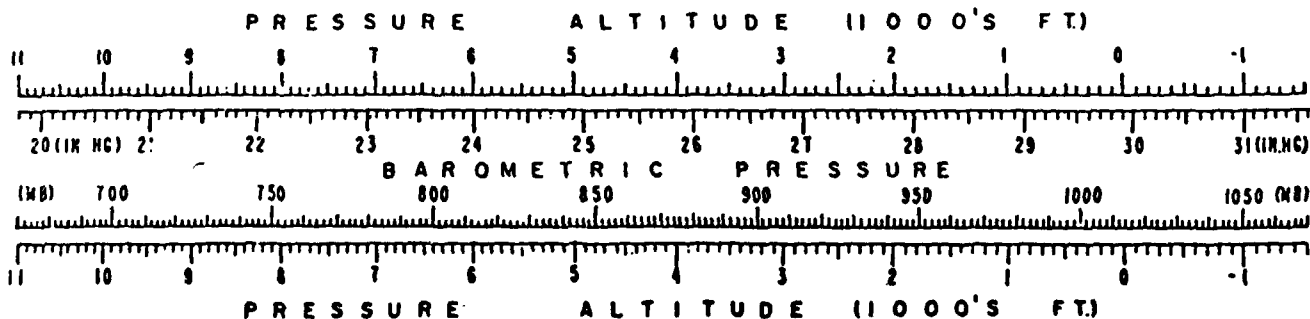
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

747320

HOLLOMAN AFB NM

76-86

STATION		STATION NAME											YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	25.8962	25.8542	25.7902	25.7882	25.7692	25.8102	25.8722	25.8862	25.8822	25.8862	25.8822	25.9002	25.851
	S.D.	.146	.135	.139	.121	.098	.086	.064	.070	.093	.111	.130	.155	.125
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
05	MEAN	25.8932	25.8552	25.7932	25.8012	25.7872	25.8312	25.8872	25.8962	25.8912	25.8932	25.8852	25.8972	25.859
	S.D.	.146	.136	.142	.124	.097	.084	.063	.068	.091	.111	.132	.155	.124
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
08	MEAN	25.9252	25.8912	25.8282	25.8382	25.8232	25.8672	25.9192	25.9272	25.9222	25.9302	25.9192	25.9312	25.894
	S.D.	.145	.138	.147	.127	.099	.084	.064	.065	.090	.114	.134	.156	.124
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	25.9402	25.8992	25.8242	25.8282	25.8092	25.8492	25.9032	25.9192	25.9182	25.9232	25.9172	25.9402	25.889
	S.D.	.143	.139	.149	.132	.100	.083	.061	.064	.091	.117	.135	.157	.127
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	25.8652	25.8272	25.7582	25.7692	25.7532	25.7952	25.8492	25.8612	25.8582	25.8572	25.8492	25.8692	25.826
	S.D.	.143	.133	.145	.130	.099	.082	.060	.065	.092	.116	.132	.156	.124
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
17	MEAN	25.8582	25.8102	25.7342	25.7332	25.7132	25.7542	25.8092	25.8242	25.8292	25.8402	25.8402	25.8662	25.801
	S.D.	.142	.129	.139	.126	.099	.084	.064	.065	.094	.116	.128	.152	.126
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
20	MEAN	25.8822	25.8382	25.7642	25.7592	25.7352	25.7742	25.8342	25.8522	25.8592	25.8672	25.8682	25.8942	25.827
	S.D.	.144	.126	.134	.121	.100	.086	.064	.067	.096	.114	.127	.152	.126
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
23	MEAN	25.9002	25.8562	25.7882	25.7882	25.7692	25.8112	25.8732	25.8862	25.8822	25.8842	25.8832	25.9102	25.852
	S.D.	.147	.128	.138	.119	.098	.087	.065	.069	.094	.114	.128	.152	.124
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
ALL HOURS	MEAN	25.8952	25.8542	25.7852	25.7882	25.7702	25.8112	25.8682	25.8812	25.8802	25.8852	25.8812	25.9012	25.850
	S.D.	.147	.136	.145	.129	.105	.091	.072	.074	.097	.118	.133	.156	.128
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2477	2400	2480	2400	2480	29213

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

747320 HOLLoman AFB NM

76-86

STATION		STATION NAME												YEARS	
HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
02	MEAN	1018.4	1015.9	1012.3	1010.9	1009.0	1009.4	1011.6	1012.5	1013.0	1014.9	1016.5	1018.4	1013.6	
	S.D.	6.459	5.887	6.063	5.319	4.193	3.737	2.922	3.029	4.170	4.983	5.955	6.948	5.985	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
05	MEAN	1018.5	1016.2	1012.6	1011.7	1010.1	1010.5	1012.5	1013.2	1013.7	1015.5	1017.0	1018.7	1014.2	
	S.D.	6.464	5.953	6.160	5.366	4.197	3.622	2.897	2.931	4.099	4.985	6.013	6.979	5.867	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
09	MEAN	1020.6	1018.4	1014.3	1013.1	1011.3	1011.8	1013.7	1014.5	1015.1	1017.3	1018.9	1020.7	1015.8	
	S.D.	6.467	6.102	6.366	5.465	4.259	3.617	2.838	2.798	4.017	5.089	6.163	7.076	6.078	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
11	MEAN	1020.5	1017.9	1013.6	1012.5	1010.6	1011.0	1012.9	1013.9	1014.6	1016.5	1018.1	1020.3	1015.2	
	S.D.	6.292	6.026	6.365	5.569	4.215	3.596	2.795	2.841	4.063	5.128	6.124	7.043	6.128	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
14	MEAN	1017.1	1014.8	1010.9	1010.1	1008.4	1008.7	1010.7	1011.5	1012.1	1013.7	1015.1	1017.1	1012.5	
	S.D.	6.251	5.717	6.171	5.534	4.179	3.548	2.792	2.843	4.152	5.096	5.959	6.924	5.865	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
17	MEAN	1017.1	1014.3	1010.2	1008.9	1007.1	1007.4	1009.3	1010.3	1011.2	1013.3	1015.2	1017.4	1011.8	
	S.D.	6.241	5.520	5.934	5.414	4.291	3.635	2.940	2.848	4.221	5.157	5.838	6.791	6.108	
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651	
20	MEAN	1018.9	1016.2	1011.6	1009.9	1007.7	1008.1	1010.2	1011.4	1012.6	1014.8	1016.8	1019.2	1013.1	
	S.D.	6.384	5.623	5.803	5.241	4.324	3.741	2.996	2.969	4.237	5.119	5.925	6.904	6.359	
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651	
23	MEAN	1018.9	1016.2	1012.1	1010.9	1009.0	1009.4	1011.6	1012.6	1013.2	1014.9	1016.8	1019.1	1013.7	
	S.D.	6.491	5.611	5.913	5.247	4.249	3.783	2.998	3.008	4.236	5.115	5.957	6.885	6.075	
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651	
ALL HOURS	MEAN	1018.7	1016.2	1012.2	1011.0	1009.1	1009.5	1011.6	1012.5	1013.2	1015.1	1016.8	1018.9	1013.7	
	S.D.	6.491	5.939	6.223	5.543	4.442	3.912	3.198	3.181	4.312	5.223	6.102	7.035	6.184	
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2477	2400	2480	2400	2480	29213	

END

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